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SUMMARIES OF FOREIGN GOVERNMENT ENVIRONMENTAL REPORTS

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FOREWORD

The U.S. Environmental Protection Agency, under a series of documents exchanges with foreign governments and international organizations, is collecting environmental reports from around the world. This publication, a monthly announcement of documents received by EPA under the exchanges, is distributed to EPA staff and is available to others through the National Technical Information Service (NTIS). See inside cover for subscription rates.

Index System

In each issue the document summaries are grouped by subject, by category of document, and by country. Subject areas, which reflect EPA programs, include:

air	pesticides
water	toxic substances
noise	radiation
solid wastes	land use

Categories of documents are:

1. general
2. legal/legislative/regulatory (LR)
3. planning/management/organization (PM)
4. scientific/technical (ST)
5. socio/economic (SE)

Summaries covering more than one subject are cross-referenced in the Table of Contents. Abstracts appear only once, however, under the primary subject heading marked by an asterisk. For example a British report on "Disposal of Awkward Household Wastes" is indexed under pesticides, solid wastes, water, and toxic substances. The summary appears only once, under solid wastes, but the report title is listed with the EPA ID number under each of the other headings.

Explanation of the codes and abbreviations used with each summary is on page ii.

Translations

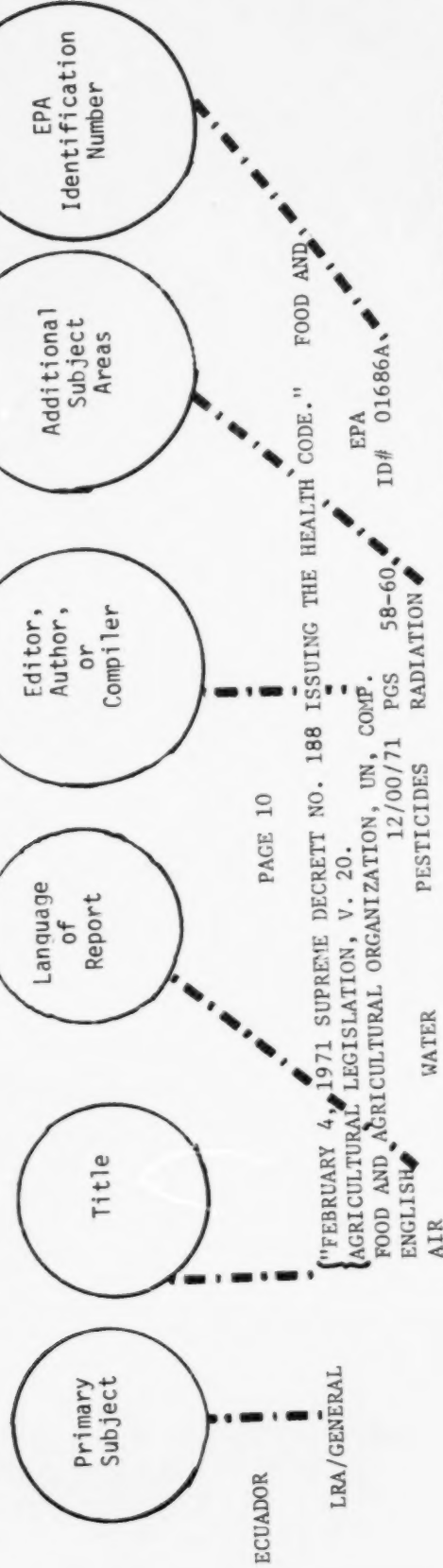
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EXPLANATION OF SYMBOLS



THIS COMPREHENSIVE HEALTH DECREE ASSIGNS TO THE EXECUTIVE, ACTING THROUGH THE MINISTRY OF PUBLIC HEALTH, RESPONSIBILITIES IN THE POLITICAL, SOCIAL, AND ECONOMIC SPHERES AS REGARDS PUBLIC HEALTH AND THE ENVIRONMENT AND TO THE NATIONAL HEALTH DIRECTORATE RESPONSIBILITIES IN THE TECHNICAL AND ADMINISTRATIVE SPHERE AND IN THE FORMULATION OF DIRECTIVES AND IN ENFORCEMENT AND EVALUATION.

LRA - LEGAL TEXT

LRB - LEGAL COMMENTARY

Each original law has the letter A following the EPA identification number. Additional directly related legislation will have the same identification number and a subsequent alphabetical letter.

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AIR

AUSTRIA

"DECEMBER 20, 1971 ORDINANCE NO. 476...TO AMEND THE 1967 ORDINANCE IMPLEMENTING THE MOTOR VEHICLES LAW REGARDING THE LEAD COMPOUND CONTENT OF PROPELLANTS." BUNDESGESETZBLATT EPA

LR(A)

GERMAN 12/30/71 PGS 2802-2803 ID# 014660

"THIS ORDINANCE STATES THAT EFFECTIVE JANUARY 1, 1972, FUELS SOLD FOR THE OPERATION OF MOTOR VEHICLES, TRAILERS AND THEIR EQUIPMENT MAY NOT CONTAIN MORE THAN 0.4 GRAMS LEAD PER LITER FUEL. IT IS ISSUED BY THE FEDERAL MINISTER FOR TRADE, COMMERCE AND INDUSTRY AS THE FOURTH AMENDMENT TO THE 1967 ORDINANCE FOR THE IMPLEMENTATION OF THE MOTOR VEHICLES LAW."

AUSTRIA

"THE JULY 3, 1975 FEDERAL LAW NO. 440 REGULATING FORESTRY (FOREST LAW 1975)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH.

LR(A)

GERMAN 08/12/75 PGS 1845-1908 ID# 03217A
LAND USE WATER EPA

CHAPTER IV, SECTION C OF THIS LAW REQUIRES OPERATORS OF FACILITIES PRODUCING AIR POLLUTANTS POTENTIALLY HARMFUL TO FOREST GROWTH TO SEEK LICENSING. AUTHORITIES MAY PRESCRIBE MEASURES TO REDUCE OR PREVENT SUCH POLLUTION. THE SECTION ALSO CONTAINS PROVISIONS RELATING TO THE POLLUTER'S OBLIGATION TO PAY COMPENSATION FOR DAMAGES CAUSED. THE FEDERAL MINISTRY FOR AGRICULTURE AND FORESTRY, TOGETHER WITH OTHER PERTINENT MINISTRIES, MAY ISSUE REGULATIONS DEALING, AMONG OTHER THINGS, WITH THOSE POLLUTANTS POTENTIALLY HARMFUL TO FOREST GROWTH AND SOIL, AND MAXIMUM PERMISSIBLE AMBIENT AIR QUALITY LEVELS FOR THESE POLLUTANTS IN FOREST AREAS. CHAPTER II OF THE LAW DEALS WITH LAND PLANNING IN REGARD TO FOREST AREAS. THIS INCLUDES CONSIDERATION OF FOREST AREAS PROVIDING PROTECTION AGAINST HARMFUL IMMISSIONS, INCLUDING THOSE OF NOISE. CERTAIN AREAS MAY BE DECLARED FOREST PRESERVES IF THEY HAVE ESPECIALLY IMPORTANT FUNCTIONS, AMONG WHICH ARE PROTECTION OF WATER SOURCES AND SCREENING AGAINST HARMFUL EMISSIONS.

AUSTRIA

"NOVEMBER 29, 1973 FEDERAL LAW NO. 50 ISSUING INSTRUCTIONS FOR THE EXERCISE OF INDUSTRY (INDUSTRIAL CODE - 1973)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH EPA

LR(A)

GERMAN 01/25/74 PGS 529-634 ID# 03220A
WATER NOISE EPA

SECTION 74 OF THIS LAW REGULATING CRAFTS AND INDUSTRY DEALS WITH FACTORIES. IT SPECIFIES THAT PERMISSION OF THE AUTHORITIES IS NECESSARY PRIOR TO THE CONSTRUCTION OR OPERATION OF THOSE INSTALLATIONS WHICH MAY: 1) DISTURB THE SURROUNDING AREA BY MEANS OF ODOR, NOISE, SMOKE, DUST, VIBRATIONS OR OTHER NUISANCES, OR 2) INFLUENCE DETRIMENTALLY THE NATURE OF BODIES OF WATER. CHANGES TO APPROVED FACTORIES WHICH MAY CAUSE OR INCREASE DANGER OR NUISANCE ARE ALSO SUBJECT TO PERMIT REQUIREMENTS. STATE MONOPOLIES OR REGULATED INDUSTRIES MUST ALSO OBSERVE THESE RULES. THE FEDERAL MINISTER OF TRADE, COMMERCE AND INDUSTRY, IN COOPERATION WITH OTHER MINISTRIES HAVING JURISDICTION, IS AUTHORIZED TO ISSUE REGULATIONS SPECIFYING MORE CLOSELY THE MODE OF OPERATION, EQUIPMENT, OR PERMISSIBLE EMISSIONS LEVELS FOR INSTALLATIONS REQUIRING LICENSE. THIS LAW REPLACES THE DECEMBER 20, 1959 INDUSTRIAL CODE (LD NO. 01464A1).

AIR

AUSTRIA

"JUNE 23, 1975 ORDINANCE NO. 437...ON THE LIMITATION OF TRICHLOROETHYLENE AND TETRACHLOROETHYLENE EMISSIONS FROM CHEMICAL CLEANING MACHINES." BUNDESGESETZBLATT
EPA

LR(A)

GERMAN 08/12/75 PGS 1843 ID# 032208

THIS ORDINANCE OF THE FEDERAL MINISTRY FOR TRADE, COMMERCE AND INDUSTRY, ISSUED PURSUANT TO THE 1973 INDUSTRIAL CODE, REQUIRES THAT CHEMICAL CLEANING MACHINES USING TRICHLOROETHYLENE AND TETRACHLOROETHYLENE BE EQUIPPED WITH AN EXHAUST AIR PURIFICATION DEVICE THAT REDUCES THE CONTENT OF THE TWO CHEMICALS IN EMITTED AIR. WHEN THE CLEANING MACHINE IS USED PROPERLY, TRICHLOROETHYLENE AND TETRACHLOROETHYLENE ARE NOT TO EXCEED 30 CUBIC CENTIMETERS PER CUBIC METER EXHAUST AIR. THIS EQUALS 30 PPM AND CORRESPONDS TO 156 MG TRICHLOROETHYLENE AND 201 MG TETRACHLOROETHYLENE AT 20 DEGREES CENTIGRADE AND 1.013 BAR. A SPECIAL EXHAUST DUCT IS TO BE PROVIDED FOR EXPULSION OF THE PURIFIED AIR. THE ORDINANCE, WHICH CAME INTO FORCE SEPTEMBER 1, 1975, APPLIES TO MACHINES IN FACTORIES SUBJECT TO LICENSING UNDER THE INDUSTRIAL CODE.

AUSTRIA

LR(A)

"APRIL 11, 1975 FEDERAL LAW NO. 259 ON MINING AND THE AMENDMENT OF THE INDUSTRIAL ACT 1973 (MINING ACT 1975)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA

GERMAN
*GENERAL

LAND USE 05/13/75 PGS 1143-1197 ID# 03227A
WATER

AUSTRIA

LR(A)

"THE MARCH 22, 1961 FEDERAL LAW NO. 103 ON THE REGULATION OF SHIP TRAFFIC ON LAKES (LAKE TRAFFIC ORDINANCE)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA

GERMAN
*WATER

NOISE 04/21/61 PGS 545-554 ID# 03244A

BRAZIL

LR(B)

"CONTROL OF POLLUTION CRITICIZED: POLLUTION SOURCES LOCATED, NOW IT'S TIME TO ACT; THERE'S ENTHUSIASM BUT APPLICATION IS DUBIOUS." O ESTADO DE SAO PAULO
EPA

PORTUGUESE
ALSO PHA
*WATER

NOISE 09/12/75 PGS 44 ID# 03262A

AIR

DENMARK

BENZIN- OG DIESELDREVNE BILER (GASOLINE AND DIESEL OPERATED CARS). POLLUTION CONTROL BOARD PUB. NO. 4

PM(R)

DANISH
ALSO ST

EPA
ID# 03224A

04/00/71 PGS 1-69

THIS REPORT IS THE RESULT OF RESEARCH UNDERTAKEN BY THE TRAFFIC WORKING GROUP OF THE MAIN AIR COMMITTEE, WHICH WAS SET UP BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE IN 1970. THE REPORT CONTAINS THE FOLLOWING CHAPTERS: RESUME (IN DANISH); GENERAL PROBLEMS OF CONTROL OF AIR POLLUTION FROM GASOLINE OPERATED VEHICLES; CAUSES OF POLLUTION FROM GASOLINE OPERATED CARS; TECHNICAL POSSIBILITIES OF CONTROLLING POLLUTION FROM GASOLINE OPERATED CARS; REDUCTION OF POLLUTION FROM USED GASOLINE OPERATED CARS; GENERAL PROBLEMS OF AIR POLLUTION FROM DIESEL OPERATED MOTOR VEHICLES; SUGGESTIONS FOR POLLUTION PREVENTATIVE ARRANGEMENTS; SUGGESTIONS FOR A FUTURE WORKING PLAN AND AIR POLLUTION STANDARDS; ECONOMIC SURVEY AND POSSIBLE CONSEQUENCES OF THE INTRODUCTION OF PERIODIC INSPECTION OF ALL MOTOR VEHICLES. (A DISCUSSION OF A THEORETICAL MODEL FOR LIMITING POLLUTION FROM GASOLINE ENGINES AND NUMEROUS CHARTS AND GRAPHS ARE APPENDED.)

DENMARK

AKTIVITETER TIL LUFTFORURENINGSBEKÆMPELSE VED EN RÆKKE DANSKE INSTITUTIONER (ACTIVITIES FOR AIR POLLUTION CONTROL IN DANISH INSTITUTIONS). POLLUTION CONTROL BOARD PUB. NO. 23

PM(R)

DANISH

EPA
ID# 03226A

03/00/72 PGS 1-48

THIS BOOKLET, PUBLISHED BY THE POLLUTION CONTROL BOARD, CONTAINS FINDINGS BY A COMMITTEE APPOINTED BY THE TECHNICAL-SCIENTIFIC RESEARCH BOARD TO SURVEY COMPLETED, CURRENT, AND PLANNED RESEARCH IN THE FIELD OF AIR POLLUTION IN OFFICIAL AND SEMI-OFFICIAL INSTITUTIONS. DISCUSSION OF THE ACTIVITIES IS DIVIDED INTO THE FOLLOWING SECTIONS: AIR QUALITY MEASUREMENTS; EMISSION CONTROL, SOURCE IDENTIFICATION; THE EXTENSION OF POLLUTION IN THE ATMOSPHERE; DAMAGES; EMISSION FROM INTERNAL COMBUSTION ENGINES; ANALYSIS METHODS, ANALYSIS EQUIPMENT; PROCESS MODIFICATIONS FOR REDUCING AIR POLLUTION; AND MISCELLANEOUS.

DENMARK

INDUSTRIPRODUKTION OG ELEKTRICITETSFREMSTILLING (INDUSTRIAL MANUFACTURING AND ELECTRICITY PRODUCTION). POLLUTION CONTROL BOARD PUB. NO. 5

PM(R)

DANISH

EPA
ID# 03228A

05/00/71 PGS 1-118

THIS BOOKLET CONTAINS TWO REPORTS PUBLISHED BY THE WORKING GROUPS ON INDUSTRIAL PRODUCTION AND ELECTRICITY APPOINTED BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE. THE FIRST REPORT GIVES INFORMATION CONCERNING OUTDOOR POLLUTION STEMMING FROM INDUSTRIAL PRODUCTION PROCESSES. IT LISTS COMPONENTS AND SOURCES OF POLLUTIONS, CITES GERMAN AND SWEDISH GUIDELINES FOR POLLUTION PROTECTION, INCLUDES A SURVEY OF POSSIBLE MEANS TO FIGHT INDUSTRIAL POLLUTION AND PRESENTS SUGGESTIONS FOR ESTABLISHING A CONTROL ORDER FOR ITS LIMITATION. THE WORKING GROUP ON ELECTRICITY HAS STUDIED AIR POLLUTION STEMMING FROM POWER PLANTS AND POWER PRODUCTION. THE FOLLOWING SUBJECTS ARE COVERED: PRODUCTION DATA; FUEL AND SULFUR; EMISSION OF GASEOUS AND SOLID PARTICLES; IMMISSION CONDITIONS AROUND POWER PLANTS; INFLUENCE OF CHIMNEY HEIGHT ON DISPERSION OF POLLUTANTS; METHODS AND EXPENSES INVOLVED IN REDUCING SULFUR DIOXIDE EMISSION; DUST SEPARATORS, METHODS AND COSTS; AND DANISH POWER STATIONS AND AIR POLLUTION.

AIR AFFALDSFORBRAENDING (WASTE INCINERATION). POLLUTION CONTROL BOARD PUB. NO. 6

DENMARK

PM(B)

DANISH ALSO ST SOLID WASTE 04/00/71 PGS 1-237 ID# 03275A EPA

THIS REPORT WAS FILED BY THE WORKING GROUP DEALING WITH WASTE POLLUTION UNDER THE MAIN AIR COMMITTEE, ESTABLISHED IN 1970 BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION IS COMMITTEE. THE WORKING GROUP FOUND THE FOLLOWING CONDITIONS TO BE TRUE: WASTE INCINERATION IS USED EXTENSIVELY IN DENMARK; THE DISPERSAL OF SOLID PARTICLES (FLY ASH ETC.) IS OF MINOR IMPORTANCE WHEN COMPARED TO SOLID PARTICLES DISPERSED AT PLANTS FOR POWER AND HEAT PRODUCTION; AND THE GASEOUS POLLUTION FROM WASTE INCINERATION DOES NOT PLAY ANY MEANINGFUL PART IN THE OVERALL POLLUTION PICTURE. THE RESULT OF AN EVALUATION OF POLLUTION ACCORDING TO PLANT SIZE AND TYPE OF WASTE SHOWS THAT IT IS INEXPEDIENT TO BURN CONVENTIONAL WASTE IN SMALL INCINERATORS. AN INVESTIGATION AS TO WHETHER IT IS PRACTICALLY FEASIBLE TO BURN SLUDGE FROM WASTEWATER CLEANING PLANTS IS RECOMMENDED. NORMATIVE DIRECTIONS FOR THE ESTABLISHMENT AND POLLUTION CONTROL OF WASTE INCINERATION PLANTS AS WELL AS THE ESTIMATED COSTS INVOLVED IN THE PREVENTION OF AIR POLLUTION ARE INDICATED.

DENMARK SUNDHEDSMAESSIGE SKADEVIRKNINGER...OG BRAENDELSFORBRUG (DAMAGES TO HEALTH, POLLUTION CONTR. 9D. PUB. NO. 3 MATERIAL DAMAGES, MEASUREMENTS, METEOROLOGY AND FUEL CONSUMPTION). EPA ID# 03277A

PM(B)

DANISH 03/00/71 PGS 1-91 ID# 03277A
THIS BOOKLET CONTAINS REPORTS FILED BY WORKING GROUPS ESTABLISHED BY THE MAIN AIR COMMITTEE, WHICH WAS APPOINTED BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE IN 1970 TO DEAL WITH VARIOUS SUBJECTS RELATING TO AIR POLLUTION. THE HEALTH GROUP STUDIED THE DIFFERENT AIR POLLUTANTS IN RELATIONSHIP TO THEIR HEALTH DAMAGING EFFECTS; THE DAMAGE GROUP EVALUATED THE ECONOMIC SIGNIFICANCE OF MATERIAL DAMAGE DUE TO AIR POLLUTION; THE MEASUREMENT GROUP DETERMINED AIR QUALITY DATA FOR AN URBAN AREA; THE METEOROLOGICAL GROUP STUDIED HOW METEOROLOGICAL CONDITIONS INFLUENCE AIR POLLUTION; AND THE FUEL GROUP STUDIED SOLID AND LIQUID FUELS AND THEIR CONTRIBUTION TO AIR POLLUTION.

EUROPEAN COMMUNITIES

PM(B)

"WATER IS SUBJECT OF CONTENTION AT EUROPEAN COUNCIL MEETING OF ENVIRONMENTAL

MINISTERS IN LUXEMBOURG." LE SOIR 10/18/75 PGS 4 ID# 03263A EPA

PONCIN, JACQUES FRENCH WATER

AIR

FRANCE

"EQUIPMENT AND OPERATION OF THERMAL INSTALLATIONS FOR A REDUCTION OF AIR POLLUTION AND FOR ENERGY ECONOMY." POLLUTION ATMOSPHERIQUE, NO. 67

EPA

LR(A)

FRENCH

07/00/75 PGS 238-242

ID# 020598

THIS DECREE, ISSUED BY THE MINISTERS OF INDUSTRY AND RESEARCH; EQUIPMENT; HEALTH; AND THE MINISTER FOR THE QUALITY OF LIFE IN PURSUANCE OF DECREE NO. 74-415 ON THE CONTROL OF AIR POLLUTING EMISSIONS AND CERTAIN USES OF THERMAL ENERGY, IS REPRODUCED IN THIS SOURCE FROM THE JULY 31, 1975 ISSUE OF THE OFFICIAL FRENCH LAW GAZETTE. THE DECREE ESTABLISHES LIMITS FOR DUST AND SOOT EMISSIONS FROM HEATING INSTALLATIONS, SETS FORTH A SYSTEM FOR THE CALCULATION OF CHIMNEY HEIGHTS, AND PRESCRIBES THE INTRODUCTION OF MEASURING AND CONTROL INSTRUMENTATION WITHIN BOILERS FOR MORE EFFICIENT COMBUSTION AND CONSEQUENT REDUCTION IN POLLUTION AND ENERGY WASTES.

FRANCE

"LONG TERM PROJECTION OF RELATIONSHIPS BETWEEN THE ENERGY INDUSTRY AND AIR POLLUTION." POLLUTION ATMOSPHERIQUE, NO. 67

EPA

BRUN, M.J.

FRENCH

07/00/75 PGS 185-199

ID# 03233A

PM(B)

THIS ARTICLE PROVIDED A SUMMARY OF A 580 PAGE REPORT BY A GROUP OF EXPERTS CONCERNING THE LONG TERM EVOLUTION OF ENERGY AND ITS EFFECTS ON THE ENVIRONMENT. THE SUMMARY OF THIS WORK, WHICH WAS UNDERTAKEN AT THE REQUEST OF THE MINISTRIES OF INDUSTRY AND THE QUALITY OF LIFE, COVERS: LONG TERM ENERGY NEEDS AND RESOURCES (TO YEAR 2000); IMPACT ON THE ENVIRONMENT IN HIGHLY INDUSTRIALIZED AREAS SUCH AS PDS, LE HAVRE, LYON, OR IN DENSELY POPULATED ZONES, SUCH AS THE GREATER PARISIAN AREA; RECOMMENDATIONS FOR THE AVOIDANCE OF ENVIRONMENTAL DETERIORATION; AND NEW SOURCES OF ENERGY AND THEIR IMPACT UPON THE ENVIRONMENT.

FRANCE

"JARROT: INTENSIFICATION OF THE FIGHT AGAINST NOISE AND AIR POLLUTION." LE FIGARO

EPA

FRENCH

11/08/75 PGS 4

ID# 03242A

PM(B)

NOISE

AIR

GERMAN DEM REP

"OCTOBER 3, 1975 REGULATION ON THE EQUALIZATION OF ECONOMIC DISADVANTAGES FROM IMMISSIONS DAMAGES IN STATE AND COOPERATIVE FORESTS." GESETZBLATT DER... (DDR)

LR(A)

GERMAN 11/03/75 PGS 687 ID# 01092F

THIS REGULATION, ISSUED PURSUANT TO THE JANUARY 17, 1973 FIFTH IMPLEMENTING ORDER TO THE LAND USE LAW (CLEAN AIR MAINTENANCE), PROVIDES FOR MATERIAL OR FINANCIAL COMPENSATION FOR DAMAGES TO STATE OR COOPERATIVE FORESTS FROM POLLUTANTS IN THE AIR. ECONOMIC DISADVANTAGES MAY RESULT FROM INCREASED COSTS TO MAINTAIN FOREST QUALITY AND PRODUCTION IN SPITE OF DAMAGING AIR QUALITY OR FROM REDUCED YIELDS. COMPENSATION FOR INCREASED EXPENSES IS TO BE USED TO REBUILD THE FOREST IN QUESTION. YIELD LOSSES ARE TO BE CONSIDERED IN PLAN FULFILLMENT CALCULATIONS. THE REGULATION PROVIDES FOR THE DETERMINATION OF DAMAGES AND FOR ADMINISTRATION OF COMPENSATION. IT BECOMES EFFECTIVE JANUARY 1, 1976.

GERMANY, FED REP OF

Umweltforschungskatalog 1975 (UFOKAT '75) (ENVIRONMENTAL RESEARCH CATALOG 1975 -- UFOKAT '75)

GERMANY, FED REP OF. FEDERAL ENVIRONMENTAL OFFICE EPA

ST()

00/00/75 PGS 1-665 ID# 03274A

ALSO PMB

*GENERAL

NOISE WATER SOLID WASTE LAND USE TOXIC SUBS

GREAT BRITAIN

"CALL FOR NEW AUTHORITY TO CONTROL POLLUTION BY ROYAL COMMISSION."

THE TIMES (LONDON)

WRIGHT, PEARCE

ENGLISH

EPA

PM(A)

01/16/76 PGS 7

ID# 03269A

HONG KONG

"FEBRUARY 15, 1960 CLEAN AIR ORDINANCE." LAWS OF HONG KONG, CHAPTER 311

LR(A)

ENGLISH 00/00/71 PGS 1-10 ID# 03265A

THIS ORDINANCE PROVIDES FOR THE LEGAL AND ADMINISTRATIVE CONTROL OF AIR POLLUTION IN THE COLONY OF HONG KONG. FOR THE PURPOSES OF THIS ORDINANCE, TERMS PERTAINING TO AIR POLLUTION AND ITS CONTROL ARE DEFINED IN SECTION TWO OF THE ORDINANCE, AND SUBSEQUENT SECTIONS SET FORTH GENERAL PROVISIONS REGARDING THE APPROVAL OF SMOKE MEASURING DEVICES, LEGAL PROCEDURES FOR REALIZING THE ABATEMENT OF INDIVIDUAL SMOKE NUISANCES WITH THE ASSOCIATED APPEALS AND PENALTIES, DECLARATION OF SMOKE CONTROL AREAS AND SCHEDULED AREAS, RESTRICTIONS APPLICABLE TO FURNACE OPERATIONS WITHIN SMOKE CONTROL AREAS, APPOINTMENT AND POWERS OF SMOKE ABATEMENT OFFICERS, PROCEDURES FOR INSPECTING AND ACQUIRING INFORMATION ON SOURCES OF AIR POLLUTION, AND THE ISSUE OF AIR POLLUTION CODES AND ADVICE. THE GOVERNOR IN COUNCIL IS EMPOWERED TO APPROVE REGULATIONS FURTHER DEVELOPING THE PROVISIONS OF THIS ORDINANCE, AND A LIST OF EXISTING REGULATIONS AND OTHER SUBSIDIARY LEGISLATION PROMULGATED DURING 1972 TO 1974 IS APPENDED TO THE TEXT OF THIS ORDINANCE.

AIR

HONG KONG

LR(A)

"DECEMBER 15, 1972 CLEAN AIR (FURNACES, OVENS AND CHIMNEYS) (INSTALLATION AND ALTERATION) REGULATIONS." LAWS OF HONG KONG, CHAPTER 311

ENGLISH

00/00/72 PGS A1-A5

EPA
ID# 032658

THESE REGULATIONS, PROMULGATED PURSUANT TO THE 1960 CLEAN AIR ORDINANCE OF HONG KONG, GOVERN THE INSTALLATION AND ALTERATION OF NON-ELECTRICAL FURNACES, OVENS AND CHIMNEYS WHICH CONSUME MORE THAN FIVE GALLONS OF CONVENTIONAL LIQUID FUEL PER HOUR, OR 70 POUNDS OF CONVENTIONAL SOLID FUEL PER HOUR, OR TEN THERMS OF ANY GASEOUS FUEL PER HOUR. PERTINENT TERMS ARE DEFINED IN SECTION TWO OF THE REGULATIONS, AND SUBSEQUENT SECTIONS SET FORTH PROVISIONS WHICH REQUIRE THAT THE OCCUPIER OF ANY PREMISE WHO INTENDS TO INSTALL OR ALTER A FURNACE, OVEN OR CHIMNEY OF THE TYPE DESCRIBED ABOVE MUST SUBMIT PLANS OF INTENDED WORK TO THE COMPETENT AUTHORITY FOR APPROVAL. THESE PLANS MUST BE PREPARED BY AN AUTHORIZED ARCHITECT AND CONTAIN THE INFORMATION SPECIFIED IN SECTION SIX AND SEVEN OF THESE REGULATIONS. PROCEDURES FOR THE APPROVAL OR REFUSAL OF SUBMITTED PLANS ARE GIVEN, AND DEFENSES AND PENALTIES ARE DESCRIBED. THE REGULATIONS ALSO CONTAIN A SAMPLE OF THE CERTIFICATE OF APPROVAL ISSUED IF SUBMITTED PLANS MEET THE REQUIREMENTS OF THESE REGULATIONS.

HONG KONG

LR(A)

"AUGUST 11, 1972 NOTIFICATION OF APPROVED DEVICES." LAWS OF HONG KONG, CHAPTER 311

ENGLISH

00/00/72 PGS B1

EPA
ID# 03265C

THIS BRIEF NOTIFICATION WAS ISSUED BY THE GOVERNOR OF HONG KONG PURSUANT TO SECTION 2A OF THE CLEAN AIR ORDINANCE, WHICH EMPOWERS THE GOVERNOR TO APPROVE DEVICES FOR ASCERTAINING THE DARKNESS OF SMOKE FOR THE PURPOSE OF THE CLEAN AIR ORDINANCE. THE DEVICES HEREBY APPROVED ARE: 1) THE MICRO-RINGELMANN CHART, 2) THE MINIATURE RINGELMANN CHART, 3) THE TELESMOKE AND 4) THE SMOKE SCOPE.

HONG KONG

LR(A)

"JANUARY 1, 1974 CLEAN AIR (RESTRICTION AND MEASUREMENT OF SMOKE EMISSION) REGULATIONS." LAWS OF HONG KONG, CHAPTER 311

ENGLISH

00/00/73 PGS C1-C8

EPA
ID# 03265D

THESE REGULATIONS, ISSUED PURSUANT TO THE 1960 CLEAN AIR ORDINANCE OF HONG KONG, SET FORTH PROCEDURES FOR MEASURING AND ANALYZING THE EMISSIONS OF SMOKE, DUST, OR GRIT FROM ANY FURNACE, OVEN, INDUSTRIAL PLANT, CHIMNEY OR FLUE. IN ADDITION, THE REGULATIONS PROHIBIT THE USE IN FURNACES, OVENS, OR INDUSTRIAL PLANTS OF LIQUID FUELS EXCEEDING CERTAIN VISCOSITIES. OCCUPIERS OF PREMISES MUST, WITHIN 60 DAYS OF NOTIFICATION BY THE COMPETENT AUTHORITY, INSTALL AND MAINTAIN A SAMPLING POINT TO THE SPECIFICATIONS CONTAINED IN BRITISH STANDARD 3405:1971. "SIMPLIFIED METHODS FOR MEASUREMENT OF GRIT AND DUST EMISSION." THE COMPETENT AUTHORITY OR SMOKE ABATEMENT OFFICERS ARE EMPOWERED TO TAKE THE VARIOUS SAMPLES AND MEASUREMENTS IN ACCORDANCE WITH PROCEDURES AND METHODS LISTED IN SCHEDULES TO THESE REGULATIONS. MAXIMUM LIMITS FOR THE EMISSION OF DUST AND GRIT ARE SET FORTH IN SCHEDULE SIX OF THESE REGULATIONS. PERSONS CONVICTED OF CONTRAVENING THE PROVISIONS OF THE REGULATIONS ARE LIABLE TO 5,000 DOLLAR FINES (COLONY CURRENCY).

AIR

HONG KONG

LR(A)

"APRIL 8, 1960 DECLARATION OF SMOKE CONTROL AREA (CONSOLIDATION)
NOTIFICATION." LAWS OF HONG KONG, CHAPTER 311

EPA

ENGLISH

00/00/74 PGS 01-04

ID# 03265E

THIS NOTIFICATION, ISSUED AS SUBSIDIARY LEGISLATION TO THE 1960 CLEAN AIR ORDINANCE OF HONG KONG, IS A CONSOLIDATION OF ELEVEN GOVERNMENT NOTICES, ISSUED BETWEEN 1960 AND 1974, WHICH DELINEATE THE BOUNDARIES OF THE VARIOUS AREAS OF HONG KONG DESIGNATED AS SMOKE CONTROL AREAS. SECTION SEVEN OF THE CLEAN AIR ORDINANCE EMPOWERS THE COLONIAL SECRETARY AND GOVERNOR IN COUNCIL TO DESIGNATE SMOKE CONTROL AREAS AS NEEDED. SECTION EIGHT OF THE ORDINANCE IMPOSES MORE STRINGENT EMISSION CONTROL STANDARDS ON OPERATORS OF FURNACES IN SMOKE CONTROL AREAS.

NEW ZEALAND

LR(A)

"DECEMBER 17, 1973 CLEAN AIR (LICENSING) REGULATIONS, NO. 303." STATUTORY
REGULATIONS, VOL. 3, 1973

EPA

ENGLISH

00/00/74 PGS 1961-70

ID# 01861B

PURSUANT TO SECTIONS 23 AND 31 OF THE NEW ZEALAND CLEAN AIR ACT 1972 GOVERNING THE CONTROL OF CERTAIN POLLUTION-CAUSING PROCESSES BY LICENSING, THESE REGULATIONS PRESCRIBE FORMS OF APPLICATION, LICENSE AND FEES FOR PERSONS OR ENTERPRISES SUBJECT TO THESE SECTIONS OF THE CLEAN AIR ACT. PROCEDURES AND SCHEDULES FOR APPLICATIONS, COMBINED APPLICATIONS AND RENEWAL OF LICENSES ARE GIVEN IN SECTIONS THREE TO EIGHT OF THE REGULATIONS; SECTION NINE PRESCRIBES THE FORM OF LICENSES; AND SECTIONS TEN AND ELEVEN PRESCRIBE FEES IN RESPECT OF LICENSES. THE REGULATIONS ALSO CONTAIN PROVISIONS DEALING WITH COMMUNICATION OF LOCAL AUTHORITIES WITH THE DIRECTOR-GENERAL OF HEALTH ON THESE MATTERS, SETTING FINES OF UP TO NZ\$200 FOR ANY PERSON FALSIFYING INFORMATION SUBMITTED FOR A LICENSE.

NEW ZEALAND

LR(A)

MARCH 24, 1975 CLEAN AIR (SMOKE) REGULATIONS, NO. 52

EPA

ENGLISH

03/24/75 PGS 1-2

ID# 01861C

THESE REGULATIONS, ISSUED PURSUANT TO THE NEW ZEALAND CLEAN AIR ACT 1972, ESTABLISH MINIMUM PERIODS FOR OBSERVATION OF SMOKE EMISSIONS BEFORE AN OFFENSE MAY BE DETERMINED AND PROVIDE FOR CERTAIN EXEMPTIONS FROM SMOKE CONTROLS. IN THE CASE OF CONTINUOUS EMISSION OF SMOKE THE MINIMUM PERIOD OF OBSERVATION IS TWO MINUTES, AND IN THE CASE OF INTERMITTENT EMISSION OF SMOKE THE MINIMUM IS FOUR MINUTES IN THE AGGREGATE IN ANY 60-MINUTE PERIOD. THE MINIMUM PERIOD OF OBSERVATION FOR MOTOR VEHICLES IS A CONTINUOUS PERIOD OF FIVE SECONDS. THE REGULATIONS ALSO EMPOWER THE DIRECTOR-GENERAL OF HEALTH TO EXEMPT FROM SMOKE CONTROLS ANY PREMISE OR VEHICLE OF HISTORICAL INTEREST USED FOR PUBLIC DEMONSTRATION AND ANY VEHICLE USED FOR ROAD RESURFACING IN THE INTEREST OF PUBLIC SAFETY. LOCAL AUTHORITIES ARE EMPOWERED, WITH THE CONCURRENCE OF THE DIRECTOR-GENERAL OF HEALTH, TO EXEMPT FROM SMOKE CONTROLS ANY PROCESS DESCRIBED IN PART C OF THE SECOND SCHEDULE OF THE CLEAN AIR ACT.

AIR

SWEDEN

"AIR PROTECTION PROBLEMS AT FUEL-OIL FIRED POWER PLANTS." STATENS
NATURVARDsverk PUBLIKATIONER 1970:5

PM(B)

SWEDISH
ALSO ST
NOISE

05/00/70 PGS 1-87

EPA
ID# 03229A

THIS REPORT, WHICH DEALS WITH AIR POLLUTION FROM FUEL-OIL FIRED POWER PLANTS, CONTAINS A SURVEY OF PRESENT CONDITIONS, AN ANALYSIS OF VARIOUS TECHNICAL METHODS FOR REDUCING EMISSIONS (THE MOST SERIOUS POLLUTANT BEING SULFUR DIOXIDE) AND A DISCUSSION OF THE ECONOMIC CONSEQUENCES OF THESE METHODS. CHAPTERS DISCUSS: BACKGROUND; PRODUCTION STATISTICS; THE GEOGRAPHIC DISTRIBUTION OF POWER PLANTS; FUTURE STRUCTURE AND PRODUCTION DEVELOPMENT; THE CHEMICAL COMPOSITION OF THE ATMOSPHERE; GASEOUS EMISSIONS OF AIR POLLUTANTS AND EMISSIONS OF DUST; IMMISSION STANDARDS AROUND POWER PLANTS; CAUSES OF AIR POLLUTION DISPERSION; EXPENSES FOR LIMITING SULFUR DIOXIDE EMISSIONS; METHODS AND EXPENSES INVOLVED IN DUST SEPARATION; AND NOISE FROM POWER PLANTS. THE REPORT, WHICH IS THE RESULT OF RESEARCH BY A COMMITTEE APPOINTED BY THE NATIONAL ENVIRONMENTAL PROTECTION BOARD, CONTAINS NUMEROUS TABLES AND DIAGRAMS AS WELL AS A SUMMARY IN ENGLISH.

SWEDEN

"THE SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY (IVL-RESEARCH) AND THE
SWEDISH POLLUTION CONTROL COMPANY (IVL-SERVICE)." DEPT. OF STATE AIRGRAM, AMEMBASSY STHLN, A-311

PM(B)

ENGLISH
*WATER

12/06/75 PGS 1012

EPA
ID# 03239A

SWEDEN

"AIR POLLUTION FROM LOCAL HEATING." STATENS NATURVARDsverk PUBLIKATIONER
1969:2

PM(B)

SWEDISH
ALSO ST

00/00/69 PGS 1-32

EPA
ID# 03249A

THIS REPORT IS BASED ON A STUDY CONDUCTED BY THE ENVIRONMENTAL PROTECTION BOARD TO EVALUATE THE TYPES OF HEATING SYSTEMS USED IN AREAS WITH MORE THAN 15,000 INHABITANTS. THE USE OF OIL, ELECTRICITY, AND SOLID FUEL WAS STUDIED BY THE AIR PROTECTION SECTIONS OF THE COUNTY COUNCILS WITH THE ASSISTANCE OF LOCAL AUTHORITIES. VIEWS ON CHOICE OF A HEATING SYSTEM, ADVANTAGES OF DISTRICT HEATING FROM AN AIR PROTECTION POINT OF VIEW, EFFECTS OF SULFUR DIOXIDE AND SOOT FROM LOCAL HEATING SYSTEMS AND WAYS OF DIMINISHING SULFUR DIOXIDE ARE DISCUSSED. A LIST OF DENSELY POPULATED PLACES INVOLVED IN THE STUDY, AN ACCOUNT OF THE PRESENT DISTRICT HEATING SITUATION WITH A PROGNOSIS UNTIL 1978, AS WELL AS RESULTS FROM SOOT AND SULFUR DIOXIDE MEASUREMENTS IN SWEDEN ARE APPENDED. LOCAL HEALTH RULES RELATED TO OIL-FUELED HEATING PLANTS IN STOCKHOLM AND SUGGESTED GUIDELINES FOR THE LOCAL HEALTH SERVICE LAW IN GOTHENBURG ARE ALSO INCLUDED.

AIR

SWEDEN

"AIR POLLUTION PROBLEMS IN THE LUMBER INDUSTRY." STATENS NATURVARDSSVERK
PUBLIKATIONER 1969:3

PM(8)

SWEDISH
ALSO ST

00/00/69 PGS 1-246 ID# 03250A

EPA

THIS REPORT IS BASED ON RESEARCH DONE BY A COOPERATIVE WORKING GROUP FROM THE ENVIRONMENTAL PROTECTION BOARD AND THE SWEDISH CELLULOSE AND PAPER-MILL SOCIETY. ITS AIM WAS TO SURVEY THE KIND AND AMOUNT OF AIR POLLUTION CAUSED BY THE FOREST INDUSTRY TO DETERMINE WHICH ACCESSIBLE TECHNIQUES COULD BE APPLIED TO HELP REDUCE EMISSIONS AND TO ESTIMATE THE COSTS INVOLVED. THE SURVEY STUDIED THE RELATIONSHIPS BETWEEN EMISSIONS CAUSED BY THE INDUSTRY AND IMMISSIONS IN THE ENVIRONMENT ONLY IN GENERAL TERMS. THE VARIOUS CHAPTERS DISCUSS: THE STRUCTURE OF FOREST PRODUCTION (A MAP OF THE PULP INDUSTRY IS INCLUDED); THE SULFATE AND SULFITE PROCESSES FOR PULP PRODUCTION; THE MAPPING OF CURRENT EMISSIONS; TECHNICAL AND ECONOMIC ANALYSIS OF AIR PROTECTION MEASURES; AND IMMISSION AND EMISSION LIMITS. MANY CHARTS AND TABLES ARE INCLUDED. SEVERAL SUPPLEMENTS ANALYZE SPECIFIC CASES AND GIVE EXAMPLES FROM SPECIFIC STUDIES AND TESTS.

SWEDEN

PM(8)

"AIR PROTECTION PROBLEMS IN WASTE INCINERATION." STATENS NATURVARDSSVERK
PUBLIKATIONER 1969:6

SWEDISH
ALSO ST

00/00/69 PGS 1-98

EPA

ID# 03251A

THIS REPORT DEALS WITH METHODS TO SOLVE VARIOUS POLLUTION PROBLEMS IN CONNECTION WITH INCINERATION, INCLUDING ACID EMISSIONS, AS WELL AS THE ECONOMIC IMPLICATIONS OF THESE METHODS. IT IS POINTED OUT THAT "TIPPING AND LAND FILLING" ARE STILL THE USUAL SWEDISH METHODS FOR DEALING WITH SOLID WASTE DISPOSAL. INCINERATION BEING USED MAINLY IN URBAN AREAS. INCINERATION IS, HOWEVER, EXPECTED TO INCREASE IN USAGE ACROSS THE COUNTRY, AND SYSTEMATIC INVESTIGATIONS OF THE SITUATION ARE BEING MADE. THE MATERIAL IS ALSO PRESENTED IN GRAPHIC AND TABULAR FORM AND THE REPORT IS SUMMARIZED IN ENGLISH.

SWEDEN

PM(8)

"AIR PROTECTION PROBLEMS IN THE IRON, STEEL, AND FERROALLOY INDUSTRY." STATENS NATURVARDSSVERK PUBLIKATIONER 1969:8

SWEDISH
ALSO ST

08/00/69 PGS 1-126

EPA

ID# 03253A

THE PURPOSE OF THIS SURVEY IS TO SUPPLY INFORMATION TO THE SWEDISH AUTHORITIES DEALING WITH AIR POLLUTION CONTROL. A SHORT SUMMARY OF THE DEVELOPMENT OF THE STEEL AND IRON INDUSTRIES IN SWEDEN, A MAP OF THEIR LOCATION, AND A DESCRIPTION OF VARIOUS MANUFACTURING METHODS ARE INCLUDED. THE AIR POLLUTION PROBLEMS IN THE INDUSTRY ARE STATED, ACCOMPANIED BY A SURVEY OF PRESENT CONDITIONS. VARIOUS TECHNICAL METHODS TO REDUCE THE EMISSIONS ARE ANALYZED, AND THE ECONOMIC CONSEQUENCES OF THESE METHODS ARE DISCUSSED. EMISSIONS ARE ESTIMATED AT ABOUT 48,000 TONS OF DUST AND 42,000 TONS OF SULFUR DIOXIDE PER YEAR, OR 8.3 KG DUST AND 6.8 KG SULFUR DIOXIDE PER TON PRODUCT. AIR POLLUTION IS EXPECTED TO INCREASE DUE TO THE USE OF OXYGEN, WHICH WILL ALSO DECREASE THE SIZE OF PARTICULATE MATTER, AND THIS FACTOR MUST BE TAKEN INTO CONSIDERATION WHEN SELECTING CONTROL EQUIPMENT. A SUMMARY IN ENGLISH IS INCLUDED.

AIR

SWEDEN

"AIR PROTECTION AT EXISTING HEATING INSTALLATIONS." STATENS NATURVARDVERK
PUBLIKATIONER 1971:8

PM(B)

SWEDISH
ALSO ST
NOISE

08/00/71 PGS 1-63

EPA
ID# 03255A

THIS PAMPHLET GIVES TECHNICAL AND ECONOMIC INFORMATION CONCERNING AIR PROTECTION AT
EXISTING FUEL OIL OPERATED HEATING INSTALLATIONS WITH A COMBUSTION EFFECT OF LESS THAN 50 MW.
DIFFERENT KINDS OF OILS USED ARE DISCUSSED AS WELL AS FURNACE EQUIPMENT, AND PROBLEMS CONNECTED
WITH SOOT, FUME CLEANING, AND CHIMNEYS. THE NOISE POLLUTION FACTOR IS ALSO TOUCHED UPON.

SWEDEN

PM(B)

"AIR PROTECTION PROBLEMS IN THE PRODUCTION OF CEMENT, LIME, LIGHTWEIGHT
CONCRETE, CHALK, AND PLASTER PRODUCTS." STATENS NATURVARDVERK PUBLIKATIONER 1971:9
EPA

00/00/71 PGS 1-135

EPA
ID# 03256A

SWEDISH
ALSO ST

THE HISTORY AND CURRENT STATUS OF THE CEMENT, LIME, LIGHTWEIGHT CONCRETE, CHALK, AND PLASTER
INDUSTRIES IN SWEDEN ARE DESCRIBED IN THIS BOOKLET. FOR EACH SUBSTANCE A DETAILED STUDY OF
PRODUCTION METHODS IS PRESENTED IN TECHNICAL TERMS AND WITH NUMEROUS CHARTS AND DIAGRAMS.
EMISSION PROBLEMS ARE EXPLAINED, AND A SURVEY OF VARIOUS FILTER SYSTEMS TO CONTROL DUST EMISSIONS
AND IMMISSIONS IS APPENDED AS WELL AS A SURVEY OF FOREIGN NORMS FOR DUST EMISSIONS AND IMMISSIONS.
DIFFERENT WAYS TO MEASURE DUST, AND INDICATIONS OF THE DUST CONCENTRATIONS. SINCE THE NATURE OF
THE POLLUTION PROBLEM IN MANUFACTURING THESE SUBSTANCES IS SIMILAR, THEY HAVE BEEN STUDIED
TOGETHER BY TWO COMMITTEES APPOINTED BY THE NATIONAL ENVIRONMENTAL PROTECTION BOARD.

SWEDEN

PM(B)

"WATER AND AIR PROTECTION PROBLEMS IN PRODUCTION OF FERTILIZERS." STATENS
NATURVARDVERK PUBLIKATIONER 1971:6

06/00/75 PGS 1-120

EPA
ID# 03257A

SWEDISH
ALSO ST
*WATER

AIR

VENEZUELA

"51 PERCENT OF INDUSTRIAL PROJECTS APPROVED BY MINISTRY OF DEVELOPMENT HAVE GONE TO THE INTERIOR." EL UNIVERSAL

PM(B)

SPANISH
ALSO SE
WATER

EPA

ID#

10/04/75 PGS 2/11

03261A

THIS ARTICLE REPORTS THAT IN ACCORDANCE WITH VENEZUELAN GOVERNMENT POLICIES PROMOTING INDUSTRIAL DECONCENTRATION FROM CONGESTED URBAN AREAS, 51 PERCENT OF NEW INDUSTRIAL PROJECTS APPROVED BY THE MINISTRY OF DEVELOPMENT DURING THE FIRST HALF OF 1975 HAVE BEEN SITUATED IN THE INTERIOR OF THE COUNTRY. BESIDES ABATING URBAN POLLUTION, THE PLANS FOR DECONGESTION OF URBAN INDUSTRY AND THE SUBSEQUENT INCENTIVES TO STIMULATE REGIONAL DEVELOPMENT WILL CREATE JOBS AND BRING ABOUT A MORE BALANCED ECONOMIC DEVELOPMENT OF THE COUNTRY. CITED AS AN EXAMPLE IN THIS EFFORT IS THE EASTERN STATE OF MONAGAS, WHERE 225 MILLION BOLIVARS WERE INVESTED IN INDUSTRIALIZATION, THUS PROVIDING EMPLOYMENT FOR MORE THAN 350 PERSONS, AND WHERE INDUSTRIAL AND AGRICULTURAL LOAN FOUNDATIONS ARE PRESENTLY PROMOTING DEVELOPMENT PROJECTS INVOLVING A SUM OF MORE THAN NINE BILLION BOLIVARS.

GENERAL

AUSTRIA

"APRIL 11, 1975 FEDERAL LAW NO. 259 ON MINING AND THE AMENDMENT OF THE INDUSTRIAL ACT 1973 (MINING ACT 1975)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH

EPA

LR(A)

GERMAN
LAND USE

WATER

05/13/75 PGS

1143-1197

ID#

03227A

SECTIONS OF THIS LAW PROVIDE THAT AUTHORITIES IN GRANTING PERMITS FOR VARIOUS TYPES OF MINING ARE TO TAKE INTO CONSIDERATION SUCH ASPECTS OF THE PUBLIC INTEREST AS PROTECTION OF NATURE, LAND USE PLANNING, ENVIRONMENTAL PROTECTION, AND WATER MANAGEMENT. CHAPTER IX, SECTION IV OF THE LAW REQUIRES RESTORATION OF A MINED AREA AFTER COMPLETION OF THE MINING ACTIVITY. THOSE LICENSED TO MINE ON THE PROPERTY OF A SECOND PARTY ARE TO RESTORE THE PROPERTY TO ITS FORMER STATE UPON LEAVING IT. IF THIS IS IMPOSSIBLE, ECONOMICALLY INFEASIBLE OR CONFLICTS WITH EXISTING LAND PLANS, THE PROPERTY IS TO BE MADE USABLE IN SOME OTHER MANNER. IN SO DOING, EMBANKMENTS ARE TO BE MADE SECURE, PLATEAU AND BERME AREAS ABOVE GROUNDWATER LEVEL ARE TO BE GRADED, AND A NATURAL DRAINAGE AND DIVERSION OF WATER AS WELL AS MAINTENANCE OF WATER PURITY ARE TO BE ENSURED. THIS LAW REPLACES THE 1954 MINING LAW NO. 73 (ID NO. 01465A).

GENERAL

AUSTRIA

LR(B)

KATALOG VON LANDESGESETZEN UEBER DEN UMWELTSCHUTZ. STAND: 1. OKTOBER 1975
(CATALOG OF PROVINCIAL LAWS ON ENVIRONMENTAL PROTECTION, AS OF OCTOBER 1, 1975)
AUSTRIA. LIAISON OFFICE OF THE FEDERAL PROVINCES
GERMAN 10/01/75 PGS 1-30 ID# 017378

THIS PUBLICATION LISTS THE PROVINCIAL LAWS IN FORCE IN AUSTRIA CONTAINING ENVIRONMENTAL PROVISIONS. THE PUBLICATION IS DIVIDED INTO TWO SECTIONS, LISTING 1) PROVINCIAL LAWS DEALING WITH SEVERAL ASPECTS OF ENVIRONMENTAL PROTECTION AND 2) LAWS REGULATING ONE AREA OF ENVIRONMENTAL CONCERN. AMONG AREAS DEALT WITH IN SECTION 1 ARE LAND-USE PLANNING, BUILDING LAWS, FIRE LAWS, ENERGY, STREET AND ROAD CODES, AND ENVIRONMENTAL PROTECTION ORGANIZATIONS. LAWS LISTED IN THE SECOND SECTION ARE CONCERNED WITH AIR, WATER AND SOIL, SOLID WASTE, NOISE, AND THE BIOLOGICAL ENVIRONMENT. ACCORDING TO THE BRIEF FOREWORD, ARTICLE 15A OF THE FEDERAL CONSTITUTION, PASSED IN 1974, PERMITS THE FEDERAL GOVERNMENT AND THE PROVINCES TO REACH COORDINATING AGREEMENTS IN JURISDICTIONAL AREAS DELEGATED BY THE CONSTITUTION PARTIALLY TO THE FEDERATION AND PARTIALLY TO THE PROVINCES. RELATIVE TO THE ENVIRONMENT, THIS PROVISION MAY BE USED, FOR EXAMPLE, IN REACHING NATIONALLY UNIFORM EMISSIONS THRESHOLD STANDARDS.

AUSTRIA

PM(A)

"THE ORGANIZATION OF ENVIRONMENTAL PROTECTION." DER UNTERNEHMER
GERMAN 04/00/75 PGS 1-4 ID# 032584

THIS ARTICLE DESCRIBES THE ADMINISTRATION OF ENVIRONMENTAL LAWS AND RESPONSIBILITIES AT FEDERAL, PROVINCIAL AND LOCAL LEVELS WITH EMPHASIS ON THE AGENCIES INVOLVED AT EACH LEVEL. AMONG FEDERAL BODIES MENTIONED ARE THE FEDERAL MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION, THE SCIENTIFIC ADVISORY COUNCIL FOR ENVIRONMENTAL PROTECTION WITHIN THE MINISTRY, AND THE COORDINATING INTERMINISTERIAL COMMITTEE FOR ENVIRONMENTAL PROTECTION. ENVIRONMENTAL ACTIVITIES OF SEVERAL MAJOR NATIONAL COMMERCIAL AND ECONOMIC ORGANIZATIONS ARE ALSO DISCUSSED, AND PROVINCIAL MONITORING ORGANIZATIONS IN THE PROVINCES OF CARINTHIA AND LOWER AUSTRIA ARE CONSIDERED. FINALLY, SUCH SUPRAREGIONAL GROUPS AS THE CONFERENCE OF PROVINCIAL GOVERNORS AND THE LIAISON OFFICE OF THE FEDERAL PROVINCES ARE DESCRIBED.

DENMARK

LR(B)

"FEWER COMPLAINTS ABOUT THE ENVIRONMENTAL LAW IN THESE BAD TIMES."
BERLINGSKE TIDENDE

DANISH 10/14/75 PGS 10 (1) ID# 032594

THIS ARTICLE REPORTS THAT THE ENVIRONMENTAL APPEAL BOARD, CREATED IN LATE 1974, HAS NOT BEEN AS BUSY AS WAS EXPECTED, PROCESSING ONLY TEN COMPLAINTS EACH MONTH. THE SLOW-DOWN IS ATTRIBUTED TO THE GENERAL SLUMP IN THE ECONOMY AND THE FACT THAT PEOPLE, EVEN IF DISSATISFIED WITH POLLUTING INDUSTRIES IN THEIR NEIGHBORHOODS, MAY HESITATE TO COMPLAIN WHEN TIMES ARE CONSIDERED BAD IN GENERAL. THE ENVIRONMENTAL APPEAL BOARD WAS SET UP TO HEAR APPEALS AGAINST DECISIONS MADE BY MUNICIPALITIES OR COUNTIES IN THEIR IMPLEMENTATION OF ENVIRONMENTAL LAW. THE BOARD IS ALSO OPEN FOR QUESTIONS RAISED BY THE MUNICIPAL AUTHORITIES ABOUT THE AGREEMENTS REACHED BY THE ENVIRONMENTAL PROTECTION AGENCY. SINCE THE ISSUES CONSIDERED SO FAR HAVE BEEN QUITE VARIED, THE ENVIRONMENTAL APPEAL BOARD, WHICH CONSISTS OF 31 EXPERT ENVIRONMENTAL PROFESSIONALS, HAS ONLY SET PRECEDENT ON A MODERATE SCALE IN ENVIRONMENTAL MATTERS.

GENERAL
DENMARK

"GOVERNMENT SUBSIDIES TO ENVIRONMENT." BERLINGSKE TIDENDE
EPA
DANISH 10/15/75 PGS (1) 7 ID# 03254A

SE (1)

THE DANISH GOVERNMENT IS CONSIDERING A PROPOSAL TO SUBSIDIZE ENVIRONMENTAL INVESTMENTS. ACCORDING TO THIS NEWSPAPER ARTICLE. UNDER THE PROPOSAL, AN EXTENSION OF THE INTERIM SUBSIDY ARRANGEMENT WHICH THE FOLKETING (PARLIAMENT) ENACTED BEFORE SUMMER VACATION, THE SUBSIDIES COULD BE GRANTED UP UNTIL 1980. THE PROPOSAL AIMS TO HELP INDUSTRIES WHICH HAVE BEEN HURT AS A RESULT OF THE NEW ENVIRONMENTAL PROTECTION LAW, AND APPLIES ONLY TO INDUSTRIES IN OPERATION BEFORE OCTOBER 1, 1974, WHEN THIS LAW WENT INTO EFFECT. THE PROPOSAL CONTAINS PROVISIONS FOR INTEREST REDUCTIONS, GOVERNMENT GUARANTEES AND SUBSIDIES. A SPECIAL CREDIT BOARD WILL MAKE DECISIONS IN THESE MATTERS. THE ANNUAL EXPENSE TO THE GOVERNMENT IN CONNECTION WITH THE SUBSIDY PROGRAM IS ESTIMATED AT 50 MILLION DANISH KRONER.

FINLAND

PH(B)

"COUNTIES GET DELEGATIONS FOR ENVIRONMENTAL PROTECTION." HUFVUDSTADSBLADET
EPA
SWEDISH 11/09/75 PGS 13 ID# 03222A

THIS ARTICLE REPORTS THAT AN ORDINANCE HAS BEEN ISSUED CREATING ENVIRONMENTAL PROTECTION DELEGATIONS IN THE FINNISH COUNTIES WITH THE EXCEPTION OF ALAND. THESE DELEGATIONS WILL HAVE THE SAME TASKS WITHIN THE COUNTIES AS THE ENVIRONMENTAL COUNCIL HAS IN THE NATIONAL ADMINISTRATION. DELEGATIONS ARE TO BE APPOINTED FOR THREE YEARS BY THE COUNTY COUNCIL, WILL BE HEADED BY THE GOVERNOR OR OTHER APPOINTED PERSON, AND WILL ALSO INCLUDE A VICE CHAIRMAN AND 10 TO 16 MEMBERS.

FINLAND

PH(B)

"ENVIRONMENTAL PROGRAM PROTECTS THE ARCHIPELAGO." HUFVUDSTADSBLADET
EPA
SWEDISH 11/14/75 PGS 12 ID# 03273A

THIS ARTICLE REPORTS ON A REGIONAL ENVIRONMENTAL PROGRAM, THE FIRST OF ITS KIND IN THE COUNTRY, IN TUR-PORIN PROVINCE IN SOUTHWESTERN FINLAND. AFTER A THREE-YEAR STUDY, THE PROVINCIAL ENVIRONMENTAL PROTECTION COMMITTEE HAS CONCLUDED THAT ENVIRONMENTAL LEGISLATION IS INSUFFICIENT AND THAT THERE ARE GAPS IN ITS IMPLEMENTATION. AIR POLLUTION IS OF PARTICULAR INTEREST AND DISTRICT HEATING IS RECOMMENDED, ALTHOUGH IT DOES NOT YET EXIST IN THIS AREA. IT ALSO URGED THAT MOTOR TRAFFIC BE SEVERELY RESTRICTED. ALTHOUGH THERE IS NO DESIRE TO ABANDON THE PUBLIC'S RIGHT OF ACCESS, IT IS RECOGNIZED THAT SPECIAL LEGISLATION AND REGULATIONS ARE NEEDED TO PRESERVE THE COASTAL ISLANDS. THE COMMITTEE RECOMMENDS, FOR EXAMPLE, THAT THE OUTER ISLANDS BE PROTECTED BY BUILDING BARS, THAT BOAT TRAFFIC BE RESTRICTED TO CERTAIN APPROVED CHANNELS, AND THAT A PLANNED NATIONAL PARK BE CREATED IN THIS AREA AS SOON AS POSSIBLE.

GENERAL
FRANCE

(MIA)

"HIGH COMMITTEE FOR THE ENVIRONMENT." LE FIGARO
BIETRY, MICHELE
FRENCH
10/30/75 PGS 12
EPA
ID# 010720

THIS ARTICLE REVIEWS THE REFORMS INSTITUTED IN THE COMPOSITION AND FUNCTIONS OF THE FRENCH HIGH COMMITTEE FOR THE ENVIRONMENT BY THE JULY 28 PRESIDENTIAL DECREE. DUE TO A LACK OF ADEQUATE FUNDING AND THE ABSENCE OF CLEARLY-DEFINED RESPONSIBILITIES, THE COMMITTEE HAD BEEN VIRTUALLY INACTIVE SINCE ITS CREATION IN 1971. THE AMENDING DECREE HAS ATTEMPTED TO TRANSFORM THE COMMITTEE INTO A NATIONAL ECOLOGICAL COUNCIL -- A COMMISSION OF EXPERTS CAPABLE OF ADVISING THE GOVERNMENT ON ALL MAJOR ENVIRONMENTAL QUESTIONS. IT ENLARGES THE MEMBERSHIP TO ENCOMPASS REPRESENTATIVES FROM A GREATER NUMBER OF ADMINISTRATIVE SERVICES AND ASSIGNS A LIAISON ROLE TO BE PERFORMED BY THE COMMITTEE AMONG THE MULTITUDE OF ENVIRONMENTALLY-ORIENTED MINISTERIAL COMMISSIONS.

FRANCE

SE()

"65 MILLION FRANCS TO COMBAT NUISANCES." LE MONDE
AMBROISE-RENDU, MARC
FRENCH
12/12/75 PGS 33
EPA
ID# 03267A
ALSO PHB
WATER

THIS ARTICLE DESCRIBES THE APPROPRIATIONS ACCORDED TO VARIOUS PUBLIC AND PRIVATE OPERATIONS BY THE FRENCH INTERMINISTERIAL ACTION COMMITTEE FOR NATURE AND THE ENVIRONMENT (CIANE) ON DECEMBER 11, 1975. A PREVIOUS ALLOCATION OF FUNDS IN JULY HAD AMOUNTED TO 68.8 MILLION FRANCS, WHILE THIS MONTH'S ALLOCATION TOTALLED 92 MILLION WITH AN ADDITIONAL 12.7 MILLION TO BE MADE AVAILABLE AS PART OF THE 1976 BUDGET. SUCH APPROPRIATIONS BY CIANE ARE DESIGNED TO STIMULATE MINISTRIES OTHER THAN THE QUALITY OF LIFE, PUBLIC AGENCIES. LOCAL OR REGIONAL GOVERNMENTS AND PRIVATE COMPANIES TO ASSUME THE FINANCIAL RESPONSIBILITY FOR ENVIRONMENTALLY RELATED PROJECTS. THE 64.7 MILLION FRANCS ALLOCATED AT THIS TIME ARE CONSEQUENTLY EXPECTED TO GIVE RISE TO PROGRAMS AMOUNTING TO 282.7 MILLION. THE BREAKDOWN OF ALLOCATED FUNDS PROVIDED IN THE ARTICLE INDICATES AN EMPHASIS IN THE AREA OF WATER POLLUTION CONTROL.

FRANCE

SE()

"ENVIRONMENT: A CRISIS BUDGET." LE FIGARO
FRENCH
10/10/75 PGS 12
EPA
ID# 3247A

THIS ARTICLE EXAMINES THE PROPOSED 1976 FRENCH ENVIRONMENTAL BUDGET, WHICH REQUESTS A SMALLER INCREASE OVER ENVIRONMENTAL EXPENDITURES FOR THE PREVIOUS YEAR THAT HAS ANY BUDGET SINCE 1973. THE BUDGET PROPOSAL, WHICH IS TO BE PRESENTED TO THE PARLIAMENT DURING ITS CURRENT SESSION, AMOUNTS TO A TOTAL OF 313 MILLION FRANCS AND ACCENTS INCREASES IN PERSONNEL. PROVIDED FOR BY THE MINISTER FOR THE QUALITY OF LIFE IN THE 1976 BUDGET ARE THE CREATION OF AN ADDITIONAL 100 POSITIONS WITHIN THE EXISTING 270-PERSON ADMINISTRATIVE STAFF AND THE APPOINTMENT OF 50 NEW INSPECTORS OF CLASSIFIED DANGEROUS ESTABLISHMENTS. MOREOVER, IN ADDITION TO THE GENERAL BUDGET A FOUR YEAR ACCUMULATION OF UNAPPROPRIATED FUNDS, TOTALING 220 MILLION FRANCS, FROM THE ACTION AND INTERVENTION FUND FOR NATURE AND THE ENVIRONMENT IS AVAILABLE TO THE MINISTRY FOR ALLOCATION.

GENERAL

GERMANY, FED REP OF

ST()

Umweltforschungskatalog 1975 (UFOKAT '75) (ENVIRONMENTAL RESEARCH
CATALOG 1975 -- UFOKAT '75)
GERMANY, FED REP OF. FEDERAL ENVIRONMENTAL OFFICE EPA
GERMAN 00/00/75 PGS 1-665 ID# 03274A
ALSO PM8 NOISE WATER SOLID WASTE LAND USE TOXIC SUBS
AIR

UFOKAT '75, COMPILED BY THE FEDERAL ENVIRONMENTAL OFFICE AS PART OF ITS INFORMATION AND DOCUMENTATION SYSTEM FOR ENVIRONMENTAL PLANNING (UMPLIS), IS A CATALOG OF APPROXIMATELY 3,700 RESEARCH PROJECTS IN THE FEDERAL REPUBLIC OF GERMANY. THE BULK OF UFOKAT '75 IS DEVOTED TO A LIST OF RESEARCH PROJECTS ORDERED ACCORDING TO IDENTIFICATION NUMBERS ASSIGNED THEM IN THE UMPLIS SYSTEM. INFORMATION SUPPLIED FOR EACH PROJECT INCLUDES, AMONG OTHER THINGS: NAME AND ADDRESS OF THE INSTITUTION AT WHICH THE RESEARCH IS BEING CONDUCTED; THE PROJECT LEADER; FUNDING SOURCES; PUBLICATIONS PRODUCED; PROJECT STATUS; TOTAL COSTS; AND A BRIEF DESCRIPTION OF THE WORK OF THE PROJECT. ACCESS TO THIS MATERIAL IS PROVIDED BY VARIOUS INDEXES, INCLUDING AN EXTENSIVE KEYWORD INDEX, AN INSTITUTIONAL INDEX, AND AN INDEX OF FUNDING SOURCES. SEEN AS A CONTRIBUTION TO UMPLIS' STATED OBJECTIVE OF PROVIDING INFORMATIONAL SUPPORT FOR EFFORTS TO PROMOTE COORDINATION AND COOPERATION IN THE ENVIRONMENTAL RESEARCH AREA, UFOKAT IS TO BE UPDATED YEARLY.

GREAT BRITAIN

PM(A)

"CALL FOR NEW AUTHORITY TO CONTROL POLLUTION BY ROYAL COMMISSION."
THE TIMES (LONDON)
WRIGHT, PEARCE EPA
ENGLISH ID# 03269A
AIR 01/16/76 PGS 7

THIS ARTICLE REPORTS THAT THE ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION HAS PUBLISHED A FIFTH REPORT CALLING FOR A NEW NATIONAL AUTHORITY, HER MAJESTY'S POLLUTION INSPECTORATE, TO CONTROL ALL FORMS OF POLLUTION FROM INDUSTRIAL PROCESSES THAT PRESENT TECHNOLOGICALLY DIFFICULT PROBLEMS. THIS RECOMMENDATION, AMONG 94 PROPOSALS IN THE REPORT, CAME FROM A STUDY UNDERTAKEN AS A RESULT OF CRITICISM OF EXISTING ARRANGEMENTS FOR AIR POLLUTION ABATEMENT AND THE ALKALI INSPECTORATE. THE COMMISSION, HOWEVER, EXPRESSED SATISFACTION WITH THE INSPECTORATE'S GENERAL POLICY OF COOPERATION RATHER THAN CONFRONTATION WITH INDUSTRY. THEIR METHOD OF CONTROL, WHICH SEEKS TO ESTABLISH "BEST PRACTICABLE MEANS," WAS FOUND TO BE SUPERIOR TO CONTROL BY NATIONALLY FIXED EMISSION STANDARDS DESPITE THE METHOD'S IMPRECISENESS AND INACCESSIBILITY TO OUTSIDERS.

GENERAL
MEXICO

LR(8)

"APPLICATION OF ENVIRONMENTAL IMPROVEMENT LAWS IS SLOW AND LACKADAISICAL"

OJEDA MESTRE, M. EXCELSIOR
ORTIZ, FEDERICO
SPANISH
ALSO PMA AND SE
11/15/75 PGS 22A
EPA
ID# 03266A

CITING SOME OF THE SERIOUS ENVIRONMENTAL PROBLEMS IN MEXICO AND THE "SLOW AND LACKADAISICAL" MANNER IN WHICH ENVIRONMENTAL LAWS ARE ENFORCED AS WELL AS PUBLIC UNCONCERN OVER ENVIRONMENTAL DETERIORATION, THIS ARTICLE REPORTS ON THE CREATION OF THE MEXICAN ACADEMY FOR ECOLOGICAL LAW, PREPARED OVER BY RAMON OJEDA MESTRE, WHICH WILL ATTEMPT TO VITALIZE ENVIRONMENTAL EDUCATION AND ENVIRONMENTAL LAW ENFORCEMENT IN MEXICO. ACCORDING TO OJEDA, MEXICAN ENVIRONMENTAL LAWS PROVIDE AN EXCELLENT LEGAL BASIS FOR ENVIRONMENTAL PROTECTION, BUT THERE IS A LACK OF INCENTIVE ON ALL LEVELS OF GOVERNMENT IN ENFORCING AND REGULATING THESE LAWS. SIMILARLY, THERE EXISTS NO SUBSTANTIAL ATTEMPT TO CREATE AN ENVIRONMENTAL AWARENESS WITHIN THE MEXICAN POPULATION. THE INAUGURATION OF THE ACADEMY, WHOSE 32 MEMBERS INCLUDE LAWYERS, JUDGES AND LEGAL AND ADMINISTRATIVE BUREAUCRATS, WAS HIGHLIGHTED BY THE PRESENCE OF HIGH GOVERNMENT LEADERS.

NEW ZEALAND
PM(1)

NEW ZEALAND CONSERVATION HANDBOOK
NEW ZEALAND. NAT. CONSERVATION WEEK CAMPAIGN COMMITTEE
ENGLISH
ALSO LRB AND SE
00/00/74 PGS 1-150
LOC
ID# 03219A
S934.N45 N48

THIS HANDBOOK IS DESIGNED AS A PRACTICAL GUIDE FOR NEW ZEALAND CITIZENS INTERESTED IN ENVIRONMENTAL CONSERVATION. CONSIDERED ARE ACTIVITIES WHICH CAN BE UNDERTAKEN BY INDIVIDUALS AND BY GROUPS, SUCH AS CONSERVATION IN THE HOME AND GARDEN, RECYCLING WASTE MATERIAL, RAISING NATIVE PLANTS, LAND CONSERVATION, DATA GATHERING, WILDLIFE PROTECTION AND MONITORING SOURCES OF POLLUTION. AN OVERALL VIEW OF ENVIRONMENTAL ISSUES IN NEW ZEALAND IS GIVEN, MAJOR ENVIRONMENTAL LAWS AND ORGANIZATIONS ARE DISCUSSED IN LAYMAN'S LANGUAGE, AND THE LEGAL AND ADMINISTRATIVE RECOURCES AVAILABLE TO CITIZENS AS WELL AS POLICIES ON ENVIRONMENTAL PLANNING IN RELATION TO PUBLIC INVOLVEMENT ARE EXPLAINED. THE HANDBOOK ALSO INDICATES WHICH GOVERNMENT AGENCIES MAY BE CONTACTED FOR SPECIFIC INFORMATION, AND LISTS THE ADDRESSES OF PUBLIC AND PRIVATE ENVIRONMENTAL ORGANIZATIONS. IN ADDITION, A GLOSSARY OF COMMON ENVIRONMENTAL TERMS AND LISTS OF RECOMMENDED ENVIRONMENTAL LITERATURE ARE GIVEN.

GENERAL

SWITZERLAND

LA PROTECTION DE L'ENVIRONNEMENT EN SUISSE (ENVIRONMENTAL PROTECTION IN SWITZERLAND)
 OFFICE OF ENVIRONMENTAL PROTECTION
 SWITZERLAND.
 FRENCH
 01/00/75 PGS 1-44
 EPA ID# 03270A

PM(A)

THIS REPORT BY THE SWISS FEDERAL OFFICE OF ENVIRONMENTAL PROTECTION, AN UPDATED VERSION OF EARLIER EDITIONS, SURVEYS THE STATUS OF ENVIRONMENTAL PROTECTION IN SWITZERLAND IN 1975. A GENERAL INTRODUCTORY SECTION PRESENTS AN EXAMINATION OF THE PROTECTIVE MEASURES WHICH HAVE BEEN ADOPTED IN EACH OF THE FOLLOWING AREAS: WATER POLLUTION CONTROL; SOLID WASTE CONTROL; AIR POLLUTION AND NOISE CONTROL; AND LAND CONSERVATION. CONSIDERATION IS GIVEN TO THE LEGAL BASES FOR ALL ENVIRONMENTAL ACTION, AS WELL AS TO ADMINISTRATIVE MEASURES UNDERTAKEN AT THE FEDERAL AND CANTONAL LEVEL. ALSO DISCUSSED IN THE REPORT ARE THE NATIONAL ENVIRONMENTAL AGENCIES AND ORGANIZATIONS, ALONG WITH THE ECONOMIC AND FINANCIAL ASPECTS OF ENVIRONMENTAL PROTECTION.

UNITED NATIONS

"RECOVERY OF ALUMINUM WASTES TO REDUCE POLLUTION." LE FIGARO
 FRENCH
 10/10/75 PGS 12
 EPA ID# 03236A

PM(B)

THIS ARTICLE REPORTS ON A COLLOQUIUM, SPONSORED BY THE UNITED NATIONS ENVIRONMENTAL PROGRAM AND ATTENDED BY REPRESENTATIVES FROM THE MAJOR INTERNATIONAL ALUMINUM COMPANIES AS WELL AS GOVERNMENT OFFICIALS AND EXPERTS, DEALING WITH THE IMPACT OF ALUMINUM PRODUCTION ON THE ENVIRONMENT. ALTHOUGH VARIOUS PHASES OF PRODUCTION HAVE PROVED DETRIMENTAL TO THE ENVIRONMENT (DAMAGES ASSOCIATED WITH BAUXITE EXTRACTION, FLUORIDE EMISSIONS DURING MANUFACTURE AND HAZARDOUS WORKING CONDITIONS FOR PLANT EMPLOYEES), DISCUSSIONS FOCUSED ON THOSE ASPECTS OF ENVIRONMENTAL PROTECTION WHICH ARE PRESENTLY OCCUPYING THE ATTENTION OF ENVIRONMENTALISTS: THE RECYCLING OF RAW MATERIALS AND THE ECONOMICS OF ENERGY. THE COLLOQUIUM WAS HELD IN PARIS.

LANC USE

AUSTRIA

"THE JULY 3, 1975 FEDERAL LAW NO. 440 REGULATING FORESTRY (FOREST LAW 1975)."
 BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH.

LR(A)

GERMAN
 *AIR
 08/12/75 PGS 1845-1908
 EPA ID# 03217A

LAND USE

AUSTRIA "APRIL 11, 1975 FEDERAL LAW NO. 259 ON MINING AND THE AMENDMENT OF THE INDUSTRIAL ACT 1973 (MINING ACT 1975)." BUNDESGESETZBLATT FÜR DIE REPUBLIK ÖSTERREICH

LR(A) GERMAN *GENERAL WATER 05/13/75 PGS 1143-1197 ID# 03227A EPA

BRAZIL "COUNCIL FOR ECONOMIC DEVELOPMENT WILL EXAMINE MEASURES AGAINST POLLUTION TODAY." O GLOBO

LR(B) PORTUGUESE 10/01/75 PGS 20 ID# 03237A EPA

ALSO PMB AND SE
CITING THE MUTUALLY DETRIMENTAL EFFECTS OF INDUSTRIAL AND RESIDENTIAL ACTIVITIES IN URBAN AREAS. THIS ARTICLE REPORTS THAT THE BRAZILIAN COUNCIL FOR ECONOMIC DEVELOPMENT IS DEVELOPING URBAN LAND USE LEGISLATION WHICH WILL REQUIRE MUNICIPAL GOVERNMENTS TO PROMULGATE LAWS DEFINING RESIDENTIAL AND INDUSTRIAL ZONES. THE LEGISLATION INTENDS TO PROTECT CITY DWELLERS FROM INDUSTRIAL POLLUTION BY PREVENTING THE ESTABLISHMENT OF INDUSTRIES IN RESIDENTIAL ZONES AND BY CHANNELING INDUSTRIAL GROWTH INTO PREDETERMINED AREAS. THIS PREVENTION STEP AGAINST POLLUTION IS CONSIDERED SIGNIFICANT SINCE, AT PRESENT, THE ONLY RECOURSE AVAILABLE TO CITIZENS AGAINST POLLUTION NUISANCES INVOLVES LEGAL SUITS WHICH MUST PROVE PUBLIC DAMAGE ARISING FROM EXISTING INDUSTRIES AND WHICH CAN LAST UP TO FOUR YEARS BEFORE FINAL SETTLEMENT. THE LAND USE LEGISLATION WILL ALSO CLARIFY AREAS OF JURISDICTION AMONG FEDERAL, STATE AND MUNICIPAL GOVERNMENTS IN LAND USE ADMINISTRATION AND WILL DEFINE PROCEDURES FOR THE URBAN POSSESSION OF RURAL LAND WHEN NECESSARY.

BRAZIL "INCRA (NATIONAL INSTITUTE FOR COLONIZATION AND AGRARIAN REFORM) WILL COLLABORATE IN PLAN FOR ECOLOGICAL STATIONS." O GLOBO

PM(B) PORTUGUESE 11/09/75 PGS 12 ID# 03264A EPA

THIS ARTICLE REPORTS THAT THE BRAZILIAN SECRETARIAT OF THE ENVIRONMENT WILL WORK IN COOPERATION WITH THE NATIONAL INSTITUTE FOR COLONIZATION AND AGRARIAN REFORM OF THE MINISTRY OF AGRICULTURE IN THE CREATION OF ECOLOGICAL STATIONS IN VARIOUS PARTS OF THE NATION. THIS COLLABORATION IS NECESSARY TO AVOID AN OTHERWISE LIKELY CONFLICT OF INTEREST BETWEEN ECOLOGICAL PROTECTION AND AGRICULTURAL LAND USE. THE ARTICLE FURTHER CITES THE GENERAL PURPOSE AND USE OF THESE STATIONS, WHICH WILL BE AREAS OF UNDEVELOPED LAND SET ASIDE TO ENSURE THE PRESERVATION OF THE ECOLOGICAL CHARACTERISTICS OF THE DIFFERENT REGIONS OF THE COUNTRY AND WHICH WILL FURNISH UNIVERSITIES AND SCIENTIFIC INSTITUTES A PHYSICAL AREA IN WHICH THE NECESSARY RESEARCH ON THE NATION'S ECOSYSTEMS CAN BE REALIZED. THE ARTICLE LISTS AND BRIEFLY DESCRIBES EACH OF THE 15 AREAS TO BE EVENTUALLY DESIGNATED AS ECOLOGICAL STATIONS. THE FIRST FOUR STATIONS ARE SLATED FOR ESTABLISHMENT IN 1976 IN THE SOUTHERN MOST STATES OF RIO GRANDE DO SUL AND SANTA CATARINA.

LANG USE

GERMANY, FED REP OF

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Umweltforschungskatalog 1975 (UFOKAT '75) (ENVIRONMENTAL RESEARCH
CATALOG 1975 -- UFOKAT '75) EPA
GERMANY, FED REP OF, FEDERAL ENVIRONMENTAL OFFICE ID# 03274A
GERMAN 00/00/75 PGS 1-665
ALSO PMB SOLID WASTE TOXIC SUBS
*GENERAL AIR NOISE WATER

NEW ZEALAND

PM(B)

"OTAKI RIVER HYDRO PLAN AFFRONTS ENVIRONMENT: ALTERNATIVE SITES." EVENING
POST
ENGLISH 10/02/75 PGS 1 ID# 03238A
ALSO SE EPA
*WATER

SWEDEN

PM(B)

"FOURTEEN HIGH MOUNTAIN AREAS BECOME 'WILDERNESS.'" SVENSKA DAGBLADET
SWEDISH 10/31/75 PGS 12 ID# 03223A
THE ENVIRONMENTAL PROTECTION BOARD AND THE PLANNING BOARD HAVE HANDED IN A PROPOSAL TO THE
GOVERNMENT TO KEEP FOURTEEN WILDERNESS AREAS IN SWEDEN UNDISTURBED, ACCORDING TO THIS NEWSPAPER
ARTICLE. ROAD BUILDING, THE DEVELOPMENT OF WATER PLANTS, AND FOREST PRODUCTION WILL NOT BE
ALLOWED WITHOUT THE PERMISSION OF THE GOVERNMENT OR THE SWEDISH PARLIAMENT (RIKSDAG). ELEVEN OF
THE INVOLVED AREAS, WHICH ARE AT LEAST 500 SQUARE KILOMETERS EACH, LIE IN THE BARE MOUNTAIN
REGION ABOVE THE TREE LINE, AND THREE ARE IN FOREST AREAS. TOURISM CAN BE DEVELOPED BY LOCATING
HOTELS AND SKI LIFTS DIRECTLY OUTSIDE THESE AREAS. PROPOSALS ON THIS SUBJECT FROM THE LOCAL
MUNICIPALITIES ARE EXPECTED TO BE READY IN THE BEGINNING OF 1977.

SWEDEN

PM(B)

"THE ENVIRONMENTAL PROTECTION BOARD SAYS YES AND NO TO RANSTAD." SVENSKA DAGBLADET
SWEDISH 10/16/75 PGS 30 ID# 03231A
*WATER EPA

NOISE

AUSTRIA

"NOVEMBER 29, 1973 FEDERAL LAW NO. 50 ISSUING INSTRUCTIONS FOR THE EXERCISE OF INDUSTRY (INDUSTRIAL CODE - 1973)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA

LR(A)

GERMAN
*AIR
01/25/74 PGS 529-634
WATER
ID# 03220A

AUSTRIA

"THE MARCH 22, 1961 FEDERAL LAW NO. 103 ON THE REGULATION OF SHIP TRAFFIC ON LAKES (LAKE TRAFFIC ORDINANCE)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA

LR(A)

GERMAN
*WATER
04/21/61 PGS 545-554
AIR
ID# 03244A

BRAZIL

"CONTROL OF POLLUTION CRITICIZED: POLLUTION SOURCES LOCATED, NOW IT'S TIME TO ACT: THERE'S ENTHUSIASM BUT APPLICATION IS DUBIOUS." O ESTADO DE SAO PAULO
EPA

LR(B)

PORTUGUESE
ALSO PMA
*WATER
09/12/75 PGS 44
AIR
ID# 03262A

DENMARK

EN BETAENKNING AFGIVET AF ARBEJDSGRUPPEN VEDRORENDE INDUSTRISTOJ (A REPORT FILED BY THE WORKING GROUP CONCERNING INDUSTRIAL NOISE). POLLUTION CONTROL BOARD PUB. NO. 2
EPA

PH(B)

DANISH
02/00/71 PGS 1-111
ID# 03221A

THIS REPORT WAS FILED BY A WORKING GROUP CREATED BY THE MAIN NOISE COMMITTEE, WHICH WAS SET UP BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE IN 1970 TO DEAL WITH INDUSTRIAL NOISE. THREE MAIN PROBLEMS ARE DISCUSSED: INTERNAL INDUSTRIAL NOISE; EXTERNAL INDUSTRIAL NOISE; AND THE INFLUENCE NOISE CAN HAVE ON HEALTH AND WORKING CAPACITY. A NUMBER OF RECOMMENDATIONS ARE ALSO PRESENTED. APPENDICES DEAL, AMONG OTHER THINGS, WITH THE FOLLOWING: ASSESSMENT OF NOISE-EXPOSURE DURING WORK FOR CONSERVATION OF HEARING PURPOSES (IN ENGLISH); A REPORT FROM SWEDEN ON REGULATIONS TO PREVENT DAMAGE THROUGH NOISE; A REPORT IN GERMAN ON PROTECTION FROM HEARING INJURIES AT THE WORK PLACE; AND A REPORT IN ENGLISH ON NOISE ASSESSMENT WITH RESPECT TO COMMUNITY RESPONSE.

NOISE

FRANCE

"JARROT: INTENSIFICATION OF THE FIGHT AGAINST NOISE AND AIR POLLUTION."

LE FIGARO

PM(1)

FRENCH
AIR

11/08/75 PGS 4

EPA
ID# 03242A

THIS ARTICLE REPORTS ON THE FRENCH NATIONAL ASSEMBLY'S REVIEW OF THE PROPOSED ENVIRONMENTAL BUDGET FOR 1976, PRESENTED BY THE MINISTER FOR THE QUALITY OF LIFE ON NOVEMBER 7, 1975. TWO AREAS OF ACTIVITY WERE DESIGNATED BY THE MINISTER AS MAJOR SPHERES OF ACTION FOR 1976: AIR POLLUTION AND NOISE. CITED AS AN EXAMPLE WAS THE RECENTLY ENACTED DECREE CONCERNING LOUDSPEAKERS, BUT OTHER REGULATIONS RELATIVE TO LAWNMOWERS, HOUSEHOLD APPLIANCES, TYPEWRITERS AND CONSTRUCTION EQUIPMENT WERE ALSO MENTIONED AS FORTHCOMING. THE MINISTER STATED, MOREOVER, THAT AN INTERNATIONAL WASTE AGENCY WAS SCHEDULED TO BEGIN OPERATIONS IN MARCH OF 1976. ADDITIONAL COMMENTS BY MR. JARROT CONCERNED A NEW DRAFT LAW AIMED AT ENSURING THE PRESERVATION OF LARGE ECOLOGICAL BALANCES AND THE PROTECTION OF THE FLORA, FAUNA AND LANDSCAPE.

GERMANY, FED REP OF

ST(1)

Umweltforschungskatalog 1975 (UFOKAT '75) (ENVIRONMENTAL RESEARCH CATALOG 1975 -- UFOKAT '75)
GERMANY, FED REP OF, FEDERAL ENVIRONMENTAL OFFICE EPA
GERMAN 00/00/75 PGS 1-665 ID# 03274A
ALSO PMB
*GENERAL AIR WATER SOLID WASTE LAND USE TOXIC SUBS

OECD

LR(1)

"NOISE REGULATIONS IN OECD COUNTRIES." ENVIRONMENTAL SCIENCE AND TECHNOLOGY, VOL. 9, NO. 12
ALEXANDRE, ARIEL EPA
ENGLISH 11/00/75 PGS 1020-24 ID# 03271A
ALSO PMB

THIS ARTICLE DESCRIBES THE REGULATORY AND ECONOMIC INSTRUMENTS WHICH ARE USED FOR NOISE ABATEMENT PURPOSES IN THE OECD COUNTRIES. PROBLEM AREAS CONSIDERED BY THE AUTHOR INCLUDE THE FOLLOWING: AIRCRAFT NOISE, MOTOR VEHICLE NOISE, CONSTRUCTION NOISE AND INDUSTRIAL NOISE. NOISE EMISSION LIMITS, CONTROLS ON USE, AND DESIGN MODIFICATIONS ARE CITED AS THE PRINCIPAL REGULATORY MEASURES USED TO MITIGATE THE DISTURBANCES FROM THE MAJOR CATEGORIES OF NOISE. MONETARY COMPENSATION AND NOISE CHARGES OR TAXES ARE PRESENTED AS EFFECTIVE ECONOMIC INSTRUMENTS OF NOISE CONTROL.

NOISE

SWEDEN

PM(B)

"AIR PROTECTION PROBLEMS AT FUEL-OIL FIRED POWER PLANTS." STATENS
NATURVARDsverk PUBLIKATIONER 1970:5

SWEDISH
ALSO ST
*AIR
05/00/70 PGS 1-87 ID# 03229A
EPA

SWEDEN

PM(B)

"AIR PROTECTION AT EXISTING HEATING INSTALLATIONS." STATENS NATURVARDsverk
PUBLIKATIONER 1971:8

SWEDISH
ALSO ST
*AIR
08/00/71 PGS 1-63 ID# 03255A
EPA

PESTICIDES

EUROPEAN COMMUNITIES

LR(B)

"FIRST EC DIRECTIVE ON PESTICIDE RESIDUE TOLERANCES MAY MOVE AT LAST."
DEPT. OF STATE AIRGRAM, US MISSION EC BRUSSELS, NO.EC A-490

ENGLISH
ALSO PMB
12/02/75 PGS 1-2 ID# 03245A
EPA

THIS STATE DEPARTMENT AIRGRAM REPORTS THAT THE EC COMMITTEE OF MEMBER STATE AGRICULTURAL ATTACHES HAS JUST COMPLETED ITS SERIES OF MEETINGS IN CONSIDERATION OF THE MOST RECENT COMMISSION DRAFT ON THE TEXT OF THE ARTICLES FOR A COUNCIL DIRECTIVE ON PESTICIDES IN OR ON FRUITS AND VEGETABLES. THE FORM OF THE DRAFT ON WHICH THE COMMITTEE FINALLY AGREED STIPULATES THAT MEMBER STATES BOTH AGREEING WITH THE CONCEPT OF ESTABLISHING TOLERANCE LEVELS FOR THE CONTROL OF PESTICIDE LEVELS IN OR ON FOODS AND FINDING THE RESIDUE LEVELS SPECIFIED IN THE ANNEX TO THE DIRECTIVES ACCEPTABLE WILL ENFORCE THE RESIDUE TOLERANCES SET FORTH IN THE ANNEX. MEMBER STATE NOT ABLE TO ACCEPT ONE OR BOTH OF THE CONDITIONS MAY EITHER ENFORCE NATIONALLY ESTABLISHED TOLERANCES OR HAVE NO STATUTORY LEVELS. IN EITHER OF THESE TWO CASES, HOWEVER, NO MEMBER STATE MAY PROHIBIT THE ENTRY OF FOODS BECAUSE OF RESIDUES IF DIRECTIVE-STIPULATED TOLERANCES ARE NOT EXCEEDED.

RADIATION

FRANCE

"NOVEMBER 6, 1974 DECREE NO. 74-945 ON DISCHARGES OF GASEOUS RADIOACTIVE EFFLUENTS FROM NUCLEAR INSTALLATIONS." JOURNAL OFFICIEL

EPA
FRENCH 11/15/74 PGS 11472-73 ID# 00667M

LR(A)

THIS DECREE, ISSUED IN PURSUANCE OF LAW NO. 61-842 DEALING WITH CONTROL MEASURES AGAINST AIR POLLUTION AND ODORS AND DECREE NO. 66-450 CONCERNING THE GENERAL PRINCIPLES OF PROTECTION AGAINST IONIZING RADIATIONS, LAYS DOWN RULES GOVERNING DISCHARGES OF GASEOUS RADIOACTIVE EFFLUENTS EMANATING FROM BASIC NUCLEAR INSTALLATIONS. THE PROVISIONS OF THE DECREE, HOWEVER, DO NOT APPLY TO THE TRANSPORT OF RADIOACTIVE EFFLUENTS, WHICH REMAIN SUBJECT TO THE REGULATIONS GOVERNING THE TRANSPORT OF DANGEROUS MATERIALS. DISCHARGES OF GASEOUS RADIOACTIVE EFFLUENTS INTO THE AIR ARE MADE SUBJECT TO A LICENSE GRANTED BY THE MINISTER OF INDUSTRY AND RESEARCH, HEALTH, THE MINISTER FOR THE QUALITY OF LIFE AND, IF APPROPRIATE, THE MINISTER HAVING JURISDICTION OVER THE FACILITY CONCERNED. THE LICENSING ORDER IMPOSES ON THE OPERATOR THE OBLIGATION TO MONITOR POLLUTION IN THE IMMEDIATE VICINITY OF THE FACILITY.

SOLID WASTE

BRAZIL

"SEMA: BRAZIL WILL NOT BE ABLE TO USE BIODEGRADABLES ON A LARGE SCALE UNTIL 1979." O GLOBO

PM(B)

PORTUGUESE
ALSO SE
*WATER

ID# 03246A

12/02/75 PGS 5

DENMARK

PM(B)

AFFALDSFORBRAENDING (WASTE INCINERATION). POLLUTION CONTROL BOARD PUB. NO. 6
EPA
DANISH 04/00/71 PGS 1-237 ID# 03275A
ALSO ST
*AIR

GERMAN DEM REP

"SEPT. 11, 1975 SIXTH IMPLEMENTING ORDER TO THE LAND USE LAW - UTILIZATION AND HARMLESS REMOVAL OF WASTE PRODUCTS." GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN REPUBLIK
EPA

LR(A)

GERMAN 10/14/75 PGS 662-664 ID# 01103G

THIS ORDINANCE, TO COME INTO FORCE JANUARY 1, 1976, PROVIDES FOR THE UTILIZATION OF WASTE PRODUCTS AS SECONDARY RAW MATERIALS AND FOR THE SAFE DISPOSAL OF WASTES WHICH CANNOT BE REUSED. THE REGULATION DOES NOT APPLY TO RESIDENTIAL, GASEOUS, MINING, RADIOACTIVE AND PATHOGENIC WASTES, NOR TO SEWAGE, WHICH ARE REGULATED BY OTHER LAWS. IT STATES THAT THE FACTORY OR CONCERN WHOSE PRODUCTION PROCESS OR WHOSE PRODUCTS CAUSE THE WASTES IS RESPONSIBLE FOR THEIR REUSE OR FOR THEIR SAFE DISPOSAL IF THEY CANNOT BE UTILIZED AS RAW MATERIALS. THE CONCERN IS ALSO TO DEVELOP TECHNOLOGICAL AND PRODUCTION PROCEDURES TO REDUCE THE OCCURRENCE OF WASTES IN THE FIRST PLACE AND TO DEVELOP NEW METHODS TO PROCESS WASTES AND NEW AREAS FOR THEIR SECONDARY USE. THE REGULATION SPECIFIES THE DUTIES OF VARIOUS PLANNING ENTITIES, CENTRAL STATE OFFICES, THE MINISTRY FOR ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT, THE MINISTRY FOR MATERIAL ECONOMY, AND THE DISTRICT AND LOCAL COUNCILS IN REGARD TO THE RE-UTILIZATION OF WASTE PRODUCTS.

SOLID WASTE

GERMANY, FED REP OF

ST()

UMWELTFORSCHUNGSKATALOG 1975 (UFOKAT '75) (ENVIRONMENTAL RESEARCH
CATALOG 1975 -- UFOKAT '75)
GERMANY, FED REP OF. FEDERAL ENVIRONMENTAL OFFICE EPA
ALSO PMB 00/00/75 PGS 1-665 ID# 03274A
*GENERAL AIR NOISE WATER LAND USE TOXIC SUBS

JAPAN

LR(B)

TIGHT WASTE DISPOSAL PENALTIES CALLED FOR. THE JAPAN TIMES
ENGLISH 12/13/75 PGS 2 ID# 03232A EPA

THIS ARTICLE REPORTS THAT AN ADVISORY GROUP HAS CALLED UPON THE JAPANESE GOVERNMENT TO STRENGTHEN PUNISHMENT AGAINST OFFENDERS OF REGULATIONS ON THE DISPOSAL OF WASTE, PARTICULARLY, INDUSTRIAL WASTE. THE RECOMMENDATIONS WERE MADE BY AN AD HOC GROUP OF THE COUNCIL ON ENVIRONMENTAL PROBLEMS, ADVISORY BODY TO THE HEALTH AND WELFARE MINISTER, ON THE BASIS OF ITS REVIEW OF THE CURRENT LAW ON THE DISPOSAL OF WASTE. OTHER RECOMMENDATIONS INCLUDED A CLARIFICATION OF THE RESPONSIBILITIES OF ENTERPRISES AND WASTE DISPOSAL BUSINESS OPERATORS AND NEW PENAL PROVISIONS FOR ENTERPRISES WHICH HAVE CONTRACTED FOR ILLEGAL DISPOSAL. THESE RECOMMENDATIONS WITH SIMILAR REQUESTS BY ANOTHER FORUM ON INDUSTRIAL WASTE HAVE PROMPTED PROJECTS FOR A REVISION BILL BY THE HEALTH AND WELFARE MINISTRY. THE CURRENT LAW ON WASTE DISPOSAL, ENFORCED IN SEPTEMBER 1971, HAS EXHIBITED MANY LOOPHOLES, BUT A REVISION IS EXPECTED TO ENCOUNTER RESISTANCE BECAUSE OF ECONOMIC CONDITIONS.

TOXIC SUBS

BELGIUM

LR(A)

OCTOBER 3, 1975 ROYAL DECREE ON THE PREVENTION OF SURFACE WATER POLLUTION BY WASTE OILS. MONITEUR BELGE

FRENCH* 11/05/75 PGS 13936-38 ID# 00549G EPA
*ALSO FLEMISH
*WATER

TOXIC SUBS

BELGIUM

LR(A)

"JULY 22, 1974 LAW ON TOXIC WASTES." MONITEUR BELGE

FRENCH*

EPA

ID# 03218A

03/01/75 PGS 2365-71

*ALSO FLEMISH

THIS LAW DEFINES TOXIC WASTES AND SETS FORTH VARIOUS CONTROL MEASURES FOR THEIR HANDLING AND ELIMINATION. PROVISIONS OF THE LAW PROSCRIBE BOTH THE PURPOSEFUL ABANDONMENT OF TOXIC WASTES AND THEIR UNAUTHORIZED STORAGE, PROCESSING OR ELIMINATION. THE TRANSPORT, IMPORT AND EXPORT OF ALL SUCH WASTES ARE ALSO SUBJECT TO REGULATIONS AND OPTIONAL AUTHORIZATION. THE RESPONSIBILITY FOR THE DETERMINATION OF AUTHORIZATION PROCEDURES AND THE DESIGNATION OF ISSUING AUTHORITIES IS ENTRUSTED TO THE CROWN, WHICH IS ALSO EMPOWERED TO DESIGNATE THE FINANCIAL AND TECHNICAL CONDITIONS UNDER WHICH ELIMINATION OR NEUTRALIZATION CENTERS MAY BE CREATED. THE LAW, MOREOVER, MAKES THE PARTY RESPONSIBLE FOR THE PRODUCTION OF TOXIC WASTES ALSO RESPONSIBLE FOR THEIR ELIMINATION, EVEN WHERE SUCH WASTES ARE HANDLED OR PROCESSED BY ANOTHER PARTY. FINALLY, THE LAW AUTHORIZES THE STATE TO CREATE A SAFETY FUND FOR THE DESTRUCTION OF TOXIC WASTES, TO OPERATE AS A PUBLIC CORPORATION, FOR THE PROMOTION OF BELGIAN EFFORTS IN THE ELIMINATION OF SUCH WASTES.

GERMANY, FED REP OF

UMWELTFORSCHUNGSKATALOG 1975 (UFOKAT '75) (ENVIRONMENTAL RESEARCH CATALOG 1975 -- UFOKAT '75)

GERMANY, FED REP OF.

FEDERAL ENVIRONMENTAL OFFICE

EPA

00/00/75 PGS 1-665

ID# 03274A

ST()

ALSO PMB

*GENERAL

AIR

NOISE

WATER

SOLID WASTE

LAND USE

WATER

AUSTRIA

LR(A)

"JULY 15, 1969 ORDINANCE NO. 275 PERTAINING TO WATER-ENDANGERING SUBSTANCES SUBJECT TO LICENSING." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH

GERMAN

07/29/69 PGS 1462

ID# 01470C

THIS ORDINANCE, ISSUED BY THE AUSTRIAN FEDERAL MINISTER FOR AGRICULTURE AND FORESTRY PURSUANT TO THE 1959 WATER LAW NO. 215, AS AMENDED MAY 22, 1969, SUBJECTS TO LICENSING THE CONSTRUCTION AND OPERATION OF FACILITIES FOR THE STORAGE OR CONVEYANCE OF PETROLEUM-BASED FUELS OR PROPELLANTS, INCLUDING CRUDE OILS.

WATER

AUSTRIA

"THE MARCH 27, 1974 ORDINANCE NO. 252...ISSUING A WATER MANAGEMENT FRAMEWORK PROVISION FOR...THE MONDSEE, FUSCHLSEE AND THE ZELLERSEE...." BUNDESGESETZBLATT

LR(A)

GERMAN

05/14/74 PGS 1403

ID# 014700

THIS "MARCH 27, 1974 ORDINANCE NO. 252 OF THE FEDERAL MINISTRY FOR AGRICULTURE AND FORESTRY ISSUING A WATER MANAGEMENT FRAMEWORK PROVISION FOR THE PROTECTION OF THE MONDSEE, THE FUSCHLSEE AND THE ZELLERSEE AND THEIR CATCHMENT AREAS" IS ISSUED PURSUANT TO THE 1959 WATER LAW AND IS DESIGNED TO PREVENT POLLUTION IN THE MENTIONED LAKES. IT PRESCRIBES THE CONSTRUCTION OF SEWERAGE SYSTEMS TO DIVERT POLLUTION FROM THE LAKES. IF SEWAGE CANNOT BE DIVERTED FROM THE LAKES, IT IS TO UNDERGO AT LEAST ONE PURIFICATION STEP MORE ADVANCED THAN BIOLOGICAL TREATMENT. THE ORDINANCE ALSO CONTAINS PROVISIONS RELATING TO THE DISPOSAL OF SOLID WASTES AND OF SEWAGE FROM ANIMAL RAISING FACILITIES AND SILOS IN THE CATCHMENT AREAS OF THE LAKES.

AUSTRIA

"THE JULY 3, 1975 FEDERAL LAW NO. 440 REGULATING FORESTRY (FOREST LAW 1975)."

LR(A)

GERMAN
*AIR

LAND USE

08/12/75 PGS 1845-1908

EPA
ID# 03217A

AUSTRIA

"NOVEMBER 29, 1973 FEDERAL LAW NO. 50 ISSUING INSTRUCTIONS FOR THE EXERCISE OF INDUSTRY (INDUSTRIAL CODE - 1973)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH

LR(A)

GERMAN
*AIR

NOISE

01/25/74 PGS 529-634

EPA
ID# 03220A

AUSTRIA

"APRIL 11, 1975 FEDERAL LAW NO. 259 ON MINING AND THE AMENDMENT OF THE INDUSTRIAL ACT 1973 (MINING ACT 1975)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH

LR(A)

GERMAN
*GENERAL

LAND USE

05/13/75 PGS 1143-1197

EPA
ID# 03227A

WATER

AUSTRIA

"FEBRUARY 17, 1971 FEDERAL LAW NO. 91 PERTAINING TO THE REGULATION OF SHIPPING (SHIPPING POLICE LAW)."
BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA

LR(A)

GERMAN

03/19/71 PGS 652-666

ID# 03243A

SECTION 12 OF THIS LAW, DEALING WITH THE MAINTENANCE OF WATER PURITY, AUTHORIZES AUTHORITIES TO PRESCRIBE MEASURES TO PREVENT WATER POLLUTION FROM THE OPERATION OF WATERCRAFT. SPECIAL ATTENTION IS TO BE GIVEN TO THE PREVENTION OF POLLUTION BY OIL. SECTION 10 OF THE LAW AUTHORIZES REGULATION OF HAZARDOUS SUBSTANCES WHEN TRANSPORTED BY WATERCRAFT. THE USE OF WATER VEHICLES IN PRIVATE HARBORS MAY ALSO BE REGULATED IN THE INTERESTS OF WATER PURITY.

AUSTRIA

"THE MAY 10, 1971 ORDINANCE NO. 259...REGARDING WATERCOURSE TRAFFIC REGULATION."
BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA

LR(A)

GERMAN

07/23/71 PGS 1297-1347

ID# 03243B

THIS ORDINANCE, ISSUED PURSUANT TO THE 1971 SHIPPING POLICE LAW, NO 91, PROHIBITS THE INTRODUCTION OF ANY SOLID OR LIQUID MATTER CAPABLE OF POLLUTING THE WATER INTO A WATERCOURSE. IT IS PARTICULARLY FORBIDDEN TO POUR OR OTHERWISE INTRODUCE ANY OIL RESIDUE INTO THE WATER. IF SUCH MATTER IS ACCIDENTLY INTRODUCED INTO THE WATER, THE AUTHORITIES ARE TO BE NOTIFIED AS SOON AS POSSIBLE. OTHER SECTIONS OF THE LAW SPECIFY THAT OILS OR OILY RESIDUES AND WASTES ARE TO BE DISCARDED ONLY AT DESIGNATED RECEPTACLES ON LAND. TANKS THAT HAVE HELD PETROLEUM MAY ONLY BE CLEANED IN PORTS EQUIPPED TO RECEIVE AND CLEAN THE OILY WATER SO DISCHARGED. PETROLEUM TANKERS WHICH DEVELOP LEAKS MUST PUT INTO THE NEAREST "OIL PORT" IN THE SHIP'S DIRECTION OF TRAFFIC FOR REPAIR OR EMPTYING. THE ORDINANCE ALSO CONTAINS PROVISIONS RELATING TO THE SHIP'S GARBAGE, TOILET FACILITIES AND RILGE WATER TANKS WHEN THE SHIP IS IN PORT. THE ORDINANCE APPLIES TO THE DANUBE, VIENNA DANUBE CANAL, THE MARCH, AND ENNS RIVERS, THEIR CANALS, PORTS, AND BRANCHES.

AUSTRIA

"THE MARCH 22, 1961 FEDERAL LAW NO. 103 ON THE REGULATION OF SHIP TRAFFIC ON LAKES (LAKE TRAFFIC ORDINANCE)."
BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA

LR(A)

GERMAN
AIR

04/21/61 PGS 545-554

ID# 03244A

NOISE

THIS LAW, APPLYING TO THE LAKES CITED IN AN APPENDED LIST, REQUIRES THE OPERATOR OF A MOTOR-DRIVEN WATERCRAFT TO SEE THAT THE CRAFT DOES NOT CAUSE UNEQUAMOUNTS OF SMOKE OR FOUL ODOR. NOISE IS TO BE DAMPENED ACCORDING TO THE LATEST STATE OF TECHNOLOGY, AND IN ANY CASE MAY NOT EXCEED 70 PHON MEASURED 25 METERS FROM THE SIDE OF THE CRAFT. THE VEHICLE OPERATOR IS ALSO TO SEE THAT THE LAKE WATER IS NOT POLLUTED BY FATS, OILS, OR OILY BILGE WATER, ESPECIALLY DURING FUELING AND OIL CHANGE. THE LAW ALSO EMPWERS THE AUTHORITIES TO LIMIT OR FORBID SHIPPING OR THE OPERATION OF CERTAIN CRAFT IN AREAS OF A LAKE IN ORDER TO PREVENT AIR OR WATER POLLUTION OR NOISE DISTURBANCE.

WATER

BELOIUM

OCTOBER 3, 1975 ROYAL DECREE ON THE PREVENTION OF SURFACE WATER POLLUTION BY WASTE OILS. MONITEUR BELGE

LR(A)

FRENCH*
*ALSO FLEMISH
TOXIC SUBS

11/05/75 PGS 13936-38

EPA
ID# 00549G

THIS CROWN DECREE, ISSUED IN PURSUANCE OF THE MARCH 1971 LAW ON THE PROTECTION OF SURFACE WATERS FROM POLLUTION, SETS FORTH THE RULES GOVERNING THE DISPOSAL OF WASTE OILS. PROSCRIBED BY THE DECREE ARE THE DIRECT OR INDIRECT DISPOSAL OF WASTE OILS; THEIR COLLECTION BY, OR TRANSMISSION TO, UNDULY AUTHORIZED PERSONS; AS WELL AS THEIR UNAUTHORIZED IMPORT OR EXPORT. PROVISIONS OF THE DECREE DETAIL STATE LICENSING AND AUTHORIZATION PROCEDURES FOR THE COLLECTION AND IMPORT OR EXPORT OF SUCH OILS.

BRAZIL

CONTROL OF POLLUTION CRITICIZED; POLLUTION SOURCES LOCATED, NOW IT'S TIME TO ACT: THERE'S ENTHUSIASM BUT APPLICATION IS DUBIOUS. O ESTADO DE SAO PAULO

LR(B)

PORTUGUESE
ALSO PMA
AIR

09/12/75 PGS 44

EPA
ID# 03262A

NOISE

THIS LENGTHY NEWS ARTICLE OFFERS A CRITICAL ANALYSIS OF THE NEW BRAZILIAN DECEFF-LAW 1.413 CONCERNING THE CONTROL OF INDUSTRIAL POLLUTION AND DISCUSSES THE CURRENT STATUS OF VARIOUS STATE-LEVEL ENVIRONMENTAL AGENCIES RELATIVE TO THE PROMULGATION AND IMPLEMENTATION OF THIS NEW LAW. ALTHOUGH ENVIRONMENTALISTS ARE GENERALLY ENTHUSIASTIC ABOUT THE NEW LAW, SOME ENVIRONMENTAL SPECIALISTS CONSIDER IT TO BE TOO "SOPHISTICATED, IMPRECISE, INCOMPLETE AND VAGUE." SEVERAL KEY SECTIONS OF THE NEW LAW ARE SCRUTINIZED, AND CONTRADICTIONS AND DISCREPANCIES ARE POINTED OUT ESPECIALLY WITH REGARD TO FEDERAL AND STATE ADMINISTRATIVE JURISDICTIONS. FEDERAL DISREGARD FOR EXISTING STATE LEGISLATION AND EXPERTISE IN FORMULATING THE FEDERAL LAW IS ALSO CRITICIZED.

BRAZIL

SEMA: BRAZIL WILL NOT BE ABLE TO USE BIODEGRADABLES ON A LARGE SCALE UNTIL 1979. O GLOBO

PH(B)

PORTUGUESE
ALSO SE
SOLID WASTE

12/02/75 PGS 5

EPA
ID# 03246A

IN THIS ARTICLE, THE BRAZILIAN SECRETARY FOR THE ENVIRONMENT ANNOUNCES THAT DUE TO A DOMESTIC SCARCITY OF THE NECESSARY RAW MATERIALS, THE WIDESPREAD PRODUCTION OF BIODEGRADABLE PRODUCTS IN BRAZIL WILL NOT BE REALIZED UNTIL 1979. THE SPECIAL SECRETARIAT FOR THE ENVIRONMENT (SEMA) IS NOW STUDYING THE POSSIBILITY OF OBTAINING THE NECESSARY RAW MATERIALS FROM FOREIGN COUNTRIES WHICH WOULD BE INTERESTED IN RECEIVING BRAZILIAN RAW MATERIAL IN EXCHANGE. SEMA IS ALSO CONSIDERING THE CREATION OF AN ENVIRONMENTAL FUND SUPPORTED BY A POLLUTION TAX. THIS FUND, IF IMPLEMENTED WITHIN THE NEXT YEAR, WOULD PROVIDE SEMA WITH AN OPERATING BUDGET OF 100 MILLION CRUZEIROS IN ADDITION TO THE 23 MILLION CRUZEIROS SET ASIDE IN THE NATIONAL BUDGET FOR SEMA'S OPERATIONS IN 1976. OTHER STATEMENTS BY THE SECRETARY IN THIS ARTICLE ADMIT A CORRELATION BETWEEN POLLUTION AND CANCER BUT REFUTE AN EARLIER REPORT CLAIM THAT POLLUTION IS RESPONSIBLE FOR 40 PERCENT OF CANCER CASES IN BRAZIL.

WATER

DENMARK

LR(A)

"SEPTEMBER 26, 1973 NOTIFICATION NO. 524 ON THE WATER SUPPLY LAW."
DANSK LOVSAMLING 1973, NOS. 6 AND 7
JENSEN, HANS TOPSOE, COMP.
DANISH
00/00/73 PGS 666-680 ID# 014478
EPA

THIS CONSOLIDATION OF THE WATER SUPPLY LAW AND AMENDMENTS ISSUED ON JUNE 13, 1973, NAMES THE MINISTER FOR ENVIRONMENTAL PROTECTION, ASSISTED BY THE ENVIRONMENTAL PROTECTION AGENCY, AS THE TOP DANISH ADMINISTRATIVE AUTHORITY IN WATER SUPPLY QUESTIONS. THE METROPOLITAN COUNCIL, COUNTY COUNCILS AND MUNICIPAL COUNCILS ARE TO DRAFT PLANS FOR FUTURE WATER SUPPLIES AND ALSO TO DEAL WITH MATTERS CONCERNING PERMISSION TO EXTRACT WATER AND EXPROPRIATION. MATTERS COVERED ARE: THE ESTABLISHMENT OF WATER SUPPLY PLANTS; SANITARY RULES IN OPERATING A WATER SUPPLY PLANT; RELATIONSHIPS BETWEEN A WATERWORKS AND ITS CONSUMERS; GENERAL RULES SUCH AS THE DUTY TO INFORM AN ADMISSION OF TECHNICAL AND OTHER PROBLEMS ON LAND OWNED BY ANOTHER PARTY; MATTERS CONCERNING THE WATERCOURSE LAW; REPORT AND REGISTRATION OF DECISIONS; ACCESSIBILITY OF RECORDS; REGISTRATION AND PAYMENT OF INDEMNITIES; AUTHORIZATIONS; COMPLAINTS AND PENALTIES; AND INTERIM GUIDELINES AND RULES CONCERNING THE COMING INTO EFFECT OF THE ACT.

DENMARK

"MARCH 29, 1974 ORDER NO.180 ON THE TREATMENT OF APPLICATIONS FOR PERMITS FOR EXTRACTING WATER UNDER THE WATER SUPPLY LAW." LOVTIDENDE FOR KONGERIGET DANMARK, PART A, NO. 20
DANISH
03/29/74 PGS 449-454 ID# 01447C
EPA

LR(A)

THIS ORDER, MADE IN PURSUANCE OF THE SEPTEMBER 26, 1973 ACT NO. 524, THE WATER SUPPLY ACT, AND THE JUNE 13, 1973 ACT NO. 372, THE ENVIRONMENTAL PROTECTION ACT, OUTLINES THE PROCEDURES TO FOLLOW WHEN APPLYING FOR PERMISSION TO EXTRACT WATER FROM GROUNDWATER OR WATERCOURSES. IT GIVES EXPLICIT INSTRUCTIONS ON WHERE TO APPLY (THE COUNTY COUNCIL, AND IN THE CAPITAL AREA, THE METROPOLITAN COUNCIL) AND WHICH SUPPORTING DOCUMENTS ARE NEEDED. A PRELIMINARY HEARING IS THEN ARRANGED, AND IF IT IS DECIDED TO EXPEDITE THE CASE, AN OFFICIAL MEETING IS CALLED. RULES PERTAINING TO WHO SHOULD BE ASKED TO PARTICIPATE AND WHEN AND WHERE THE MEETING SHOULD TAKE PLACE ARE STATED. A DECISION HAS TO BE REACHED ACCORDING TO CAREFULLY ESTABLISHED GUIDELINES, WHICH COVER POSSIBLE INDEMNITIES AND ACTIONS TO BE TAKEN IN CASE ONE PARTY FEELS IT IS DESIRABLE TO FILE A COMPLAINT. FINALLY, INSTRUCTIONS ON HOW TO REGISTER THE DECISION AND WHOM TO NOTIFY ARE GIVEN.

WATER

DENMARK

"MARCH 29, 1974 ORDER NO. 181 ON EXPROPRIATION FOR WATER SUPPLY PLANTS."
LOVTTIDENDE FOR KONGERIGET DANMARK, PART A, NO. 20

LR(A)

DANISH 03/29/74 PGS 456-458 EPA ID# 014470

THROUGH EXPROPRIATION, OFFICIAL WATER SUPPLY PLANTS ARE ALLOWED TO CONDUCT TEST DRILLINGS AND PUMPINGS ON PRIVATE PROPERTY AND CAN BE PERMITTED ACCESS TO REAL ESTATE AND RECEIVE EASEMENT OVER OTHER PROPERTIES DEPENDING UPON THE PLANT'S PERFORMANCE AND OPERATION. PRIVATE WATER SUPPLY PLANTS, WHICH SERVE TO SUPPLY THE GENERAL PUBLIC WITH WATER, CAN RECEIVE EASEMENTS IN CONNECTION WITH THE CABLE LAYOUT. THIS ORDER, MADE IN PURSUANCE OF THE SEPTEMBER 26, 1973 ACT NO. 524, THE WATER SUPPLY ACT, EXPLAINS THE RULES AND PROCEDURES ESTABLISHED IN CONNECTION WITH THESE EXPROPRIATIONS. THE PROCEDURES ARE NORMALLY TO BE CONDUCTED BY THE MUNICIPAL COUNCIL IN THE MUNICIPALITY WHERE THE PROPERTY IN QUESTION IS SITUATED. IN CERTAIN CASES, THE MINISTER OF THE ENVIRONMENT CAN DECIDE TO GIVE THIS FUNCTION TO THE COUNTY COUNCIL OR THE METROPOLITAN COUNCIL. IN CASE OF DISAGREEMENT, THE DECISION RESTS WITH THE AGRICULTURAL COMMISSION.

DENMARK

"MARCH 29, 1974 ORDER NO. 179 ON INSPECTION OF WATER SUPPLY PLANTS."
LOVTTIDENDE FOR KONGERIGET DANMARK, PART A, NO. 20

LR(A)

DANISH 03/29/74 PGS 447-448 EPA ID# 01447E

THIS ORDER, MADE IN PURSUANCE OF THE SEPTEMBER 26, 1974 ACT NO. 524, THE WATER SUPPLY ACT, CONTAINS PROVISIONS FOR CONTROL AND INSPECTION OF WATER SUPPLY PLANTS. MUNICIPAL COUNCILS ARE MADE RESPONSIBLE FOR THE INSPECTION IN THE MUNICIPALITY WHERE A PLANT'S WATER IS USED. PUBLIC PLANTS SUPPLYING THE GENERAL POPULATION ARE TO BE INSPECTED BY COUNTY COUNCILS EXCEPT IN THE CAPITAL AREA, WHERE THE METROPOLITAN COUNCIL HAS THIS FUNCTION. LABORATORY TESTS OF WATER QUALITY ARE REQUIRED FROM CERTAIN LISTED PLANTS. PROVISIONS STIPULATE WHEN, HOW, AND BY WHOM INSPECTIONS SHOULD BE UNDERTAKEN, AND WHO SHOULD BE NOTIFIED OF THE RESULTS. GUIDELINES FOR CONTROL OF WATER USAGE WHEN WATER RECOVERY IS A FACTOR ARE ALSO GIVEN, INCLUDING THE REQUIREMENT THAT AN ANNUAL REPORT IS TO BE SUBMITTED REGARDING THIS MATTER. COMPLAINTS CAN BE FILED WITH THE ENVIRONMENTAL PROTECTION AGENCY. IN CASE OF VIOLATION OF THE RULES FINES ARE TO BE IMPOSED.

DENMARK

NEDGRAVEDE OLJETANKE OG LIGHENDE UNDERJORDISKE OPLAG (BURIED OIL TANKS AND
SIMILAR UNDERGROUND STORAGE). POLLUTION CONTROL BOARD PUR. NO. 18

PH(B)

DANISH 08/00/71 PGS 1-50 EPA ID# 03230A

IN 1970, THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE APPOINTED A MAIN SOIL COMMITTEE. THIS REPORT IS THE RESULT OF RESEARCH UNDERTAKEN BY ITS WORKING GROUP SET UP TO STUDY BURIED OIL TANKS AND SIMILAR UNDERGROUND STORAGE METHODS. THE REPORT CONTAINS CHAPTERS DEALING WITH THE FOLLOWING SUBJECTS: CAUSES OF SPILLAGE THROUGH OUTSIDE AND INSIDE CORROSION, POOR CONSTRUCTION, DEFECTS IN PLUMBING, DISLOCATION AND FILLING UP; THE SPREADING OF SOLUBLE AND INSOLUBLE SPILLAGE IN THE GROUND AND THE CONDITION OF THE GROUNDWATER; POLLUTION OF DRINKING WATER BY PETROLEUM PRODUCTS SPREAD, MIXED OR DISSOLVED IN WATER; SMELL AND TASTE STANDARDS FOR OIL PRODUCTS IN WATER AND THEIR TOXIC LEVEL; STANDARDS FOR MAXIMUM CONTENT OF OIL PRODUCTS, INCLUDING ADDITIVES, IN DRINKING WATER; POSSIBLE INTERVENTION IN CASE OF SPILLAGE; SAFETY MEASURES AGAINST SPILLAGE; AND CURRENT LAWS AND ADMINISTRATIVE DECISIONS.

WATER

DENMARK

PM(8)

FORURENINGSKILDER (POLLUTION SOURCES). POLLUTION CONTROL BOARD PUB. NO. 10

EPA

DANISH

08/00/71 PGS 1-120

ID# 03276A

ALSO ST

THIS REPORT WAS FILED BY ONE OF THE WORKING GROUPS, THE SOURCE GROUP, OF THE MAIN WATER COMMITTEE, SET UP BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE IN 1970 TO DEAL WITH WATER POLLUTION. THE REPORT CONTAINS SECTIONS COVERING: DESCRIPTION OF INTRODUCED SUBSTANCES WHICH CAN CAUSE POLLUTION AND THEIR PHYSICAL EFFECTS ON WATER; DESCRIPTION OF TYPES OF PROCESSES THROUGH WHICH POLLUTING SUBSTANCES ARE INTRODUCED INTO WATER OR THE PHYSICAL STATE OF WATER IS AFFECTED; THE INFLUENCE OF THE TRANSPORTATION SYSTEM ON WASTEWATER; QUANTITY DETERMINATION; DETERMINATION OF THE GEOGRAPHIC DISTRIBUTION OF WATER; APPRAISAL OF POSSIBILITIES FOR DECREASING THE AMOUNT OF INTRODUCED SUBSTANCES AND ADVERSE PHYSICAL INFLUENCES ON WATER; PROGNOSSES FOR THE FUTURE NECESSITY FOR INTRODUCING SUBSTANCES AND PRODUCING ADVERSE PHYSICAL INFLUENCES ON WATER; AND AN ASSESSMENT OF WHAT OTHER INFORMATION IS NECESSARY.

EUROPEAN COMMUNITIES

"EC ENVIRONMENTAL COUNCIL MEETING, DECEMBER 8, 1975." DEPT. OF STATE AIRGRAM,
US MISSION EC BRUSSELS, NO. A-503

PM(8)

ENGLISH

12/10/75 PGS 1-9

EPA

ID# 03240A

THIS PRESS RELEASE, ISSUED FOLLOWING THE EC ENVIRONMENTAL MINISTERS COUNCIL MEETING ON DECEMBER 8, 1975, SUMMARIZES THE RESULTS OF THE MEETING AND ALSO PROVIDES A LIST OF THE MEMBER STATE REPRESENTATIVES PARTICIPATING IN THE COUNCIL. RESUMING DISCUSSIONS BEGUN AT ITS OCTOBER 16 MEETING ON THE PROPOSAL FOR A DECISION ON THE REDUCTION OF POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT, THE COUNCIL REACHED AN AGREEMENT ON A SYSTEM BASED ON THE CONCEPT OF EMISSION STANDARDS, WHILE ALLOWING FOR THE POSSIBILITY, AS AN EXCEPTION, OF USING QUALITY OBJECTIVES IN CERTAIN CIRCUMSTANCES. ADOPTED BY THE COUNCIL WERE A DIRECTIVE RELATING TO THE QUALITY OF BATHING WATER AND A DECISION AUTHORIZING THE COMMISSION TO PARTICIPATE IN NEGOTIATIONS ON THE PROTECTION OF THE MEDITERRANEAN. THE COUNCIL, MOREOVER, AUTHORIZED THE COMMISSION TO PARTICIPATE IN THE NEGOTIATIONS FOR THE CONVENTION ON PROTECTION OF THE RHINE AGAINST CHEMICAL POLLUTION, WHICH IS CURRENTLY BEING DISCUSSED BY THE COUNCIL OF EUROPE.

EUROPEAN COMMUNITIES

"WATER IS SUBJECT OF CONTENTION AT EUROPEAN COUNCIL MEETING OF ENVIRONMENTAL
MINISTERS IN LUXEMBOURG." LE SOIR

PONCIN, JACQUES

EPA

FRENCH

10/18/75 PGS 4

ID# 03263A

AIR

PM(8)

THIS ARTICLE PROVIDES A SUMMARY OF THE ITEMS WHICH RECEIVED CONSIDERATION DURING THE THIRD MEETING OF THE EEC ENVIRONMENTAL MINISTERS ON OCTOBER 16, 1975. THE MEETING IS REPORTED TO HAVE OPENED WITH GENERAL DISCUSSIONS ON THE EFFECTIVENESS OF THE PAST TWO YEARS' ACTIVITIES, AS WELL AS ON POSSIBLE FUTURE ACTION WITHIN THE SCOPE OF THE NEW FIVE-YEAR PLAN AIMED AT THE PREVENTION OF POLLUTION AND WASTE. ADOPTED BY THE MINISTERS WAS A DIRECTIVE LOWERING THE PERMISSIBLE SULFUR CONTENT OF FUELS IN EIGHT OF THE MEMBER STATES, IRELAND BEING EXEMPTED. CONTROVERSY AROSE OVER QUESTIONS RELATING TO THE REDUCTION OF WATER POLLUTION ARISING FROM TOXIC DISCHARGES AND THE POLLUTION OF FRESH AND SEAWATER AREAS DESIGNATED AS BATHING AREAS. THE MINISTERS AGREED IN THE LATTER INSTANCE TO GRANT EACH NATION TWO YEARS IN WHICH TO DEFINE MORE STRINGENT STANDARDS FOR POLLUTANTS, BUT UNANIMITY COULD NOT BE REACHED ON THE PROBLEM OF DISCHARGES, AND A MEETING WAS RESCHEDULED FOR DECEMBER 8.

WATER
FINLAND

PR(8)

"WATER PROTECTION LOANS TO NINE COMPANIES." HUFVUDSTADSBLADET
EPA
SWEDISH 10/18/75 PGS 10 ID# 03225A

FOR THE FIRST TIME, THE FINNISH WATER PROTECTION COUNCIL HAS APPROVED WATER PROTECTION LOANS TO NINE COMPANIES FOR MORE THAN 13 MILLION OF THE 56 MILLION MARKS ALLOTTED FOR 1975. THE FUNDS ARE OBTAINED FROM THE POSTAL BANK OR COME FROM EXPORT TAX FUNDS. THE 1976 BUDGET CALLS FOR GOVERNMENT INVESTMENTS OF 61 MILLION MARKS FOR WATER PROTECTION. SINCE INDUSTRY INVESTS 61.5 PERCENT, IT IS ESTIMATED THAT 160 MILLION MARKS WILL BE USED FOR WATER PROTECTION. A COMMITTEE REPORT IN JUNE CALLED FOR ANNUAL INVESTMENTS IN WATER PROTECTION OF ABOUT 180 MILLION MARKS. TAKING INFLATION INTO ACCOUNT, THIS WOULD BE 206 MILLION MARKS FOR 1976. WATER COUNCIL BUREAU CHIEF KARTIMO POINTS OUT THAT THE EFFECTIVE REDUCTION FROM 206 TO 160 MILLION MARKS WAS GREATER THAN THE COMMITTEE'S EXPRESSED GOAL OF ONLY 20 PERCENT REDUCTION FROM THE ORIGINALLY PLANNED LEVEL.

FRANCE
LR(8)

"SEVEN POLLUTING VESSELS CAUGHT IN THE ACT." LE MONDE
MOIRAND, RENE
FRENCH 12/12/75 PGS 33 ID# 03268A

THIS ARTICLE REPORTS ON AN AERIAL SURVEILLANCE OPERATION UNDERTAKEN BY THE FRENCH MINISTER FOR THE QUALITY OF LIFE OVER THE ENGLISH CHANNEL FROM NOVEMBER 17 TO DECEMBER 2, 1975. THE OPERATION, DIRECTED AT UNCOVERING POLLUTING VESSELS BY MEANS OF INFRA-RED AERIAL PHOTOGRAPHS, RESULTED IN THE EXPOSURE OF 11 INSTANCES OF POLLUTION WITHIN APPROXIMATELY 25 HOURS OF ACTUAL FLIGHT TIME. OF THESE 11 SIGHTINGS, ONLY 7 VESSELS WERE ULTIMATELY IDENTIFIED AS POLLUTERS. ALL BUT ONE OF THE POLLUTERS WERE FOREIGN NON-TANKER VESSELS INVOLVED IN DISCHARGING THEIR WASTE OILS OR IN WASHING THEIR FUEL TANKS. THE LEGAL PURSUIT OF THESE VESSELS AS WELL AS THE ONE TANKER ARE EXPECTED TO RESULT IN FINES FOR THE VIOLATORS. THE MINISTER FOR THE QUALITY OF LIFE IS REPORTED TO BE PLEASED WITH THE OUTCOME OF THE OPERATION AND TO BE SEEKING THE ESTABLISHMENT OF A MORE PERMANENT SURVEILLANCE SYSTEM.

FRANCE
SET 1

"65 MILLION FRANCS TO COMBAT NUISANCES." LE MONDE
AMBROISE-RENDU, MARC
FRENCH 12/12/75 PGS 33 ID# 03267A
ALSO PHB
#GENERAL

WATER

GERMANY, FED REP OF

Umweltforschungskatalog 1975 (UFOKAT '75) (ENVIRONMENTAL RESEARCH CATALOG 1975 -- UFOKAT '75)
GERMANY, FED REP OF. FEDERAL ENVIRONMENTAL OFFICE EPA
GERMAN 00/00/75 PGS 1-665 ID# 03274A
ALSO PHB
*GENERAL

ST(1)

AIR NOISE SOLID WASTE LAND USE TOXIC SUBS

TRAN

LAW OF PROTECTION OF THE SEA FROM OIL POLLUTION

LR(A)

ENGLISH 12/29/75 PGS 1-6 ID# 03272A

THIS LAW APPROVED BY THE IRANIAN SENATE ON DECEMBER 10, 1975, PROHIBITS THE POLLUTION OF BORDER RIVERS, INTERNAL WATERS AND TERRITORIAL SEAS WITH OIL OR ANY MIXTURE THEREOF, WHETHER BY SHIPS, DRILLING PLATFORMS OR ARTIFICIAL ISLANDS, OR THROUGH OIL PIPES AND INSTALLATIONS LOCATED ON LAND OR IN THE SEA. THE LAW FURTHER MANDATES THE MAINTENANCE OF LOG BOOKS BY ALL OIL TANKERS WITH GROSS CAPACITIES OF 150 TONS OR OVER AND ALL OTHER TYPES OF VESSEL WITH GROSS CAPACITIES OF 400 TONS OR MORE. DATA AND EVENTS TO BE ENTERED INCLUDE SPECIFICATIONS ON THE WASHING OF TANKS AND THE DISCHARGE OF OIL REFUSE WATER INTO THE SEA. VIOLATIONS ARE PUNISHABLE BY IMPRISONMENT FROM SIX MONTHS TO TWO YEARS, OR BY FINES RANGING FROM 1,000,000 TO 10,000,000 RIALS, OR BY BOTH. POLLUTION OCCURRING AS A RESULT OF NEGLIGENCE OR THE FAILURE TO MAINTAIN REQUIRED LOG BOOKS IS PUNISHABLE BY THE MINIMUM FINANCIAL PENALTY. THIS ENGLISH TRANSLATION OF THE LAW IS PROVIDED IN DEPARTMENT OF STATE AIRGRAM, AMEMBASSY TEHRAN, NO. A-264.

ITALY

"NEW LAW FOR THE PROTECTION OF WATER RESOURCES." CORRIERE DELLA SERA
TOULSCO, ALFREDO EPA
ITALIAN 07/24/75 PGS 7 ID# 03235A

LR(B)

BECAUSE THE ONLY EXISTING RESTRICTIONS ON EFFLUENT DISCHARGES IN ITALY ARE CONTAINED IN A SERIES OF ANTIQUATED FISHING AND SANITARY LAWS, A PROPOSAL FOR A MORE COMPREHENSIVE LAW TO REGULATE THE PROTECTION OF WATER FROM POLLUTION IS SCHEDULED FOR PRESENTATION BEFORE THE CHAMBER OF DEPUTIES, ACCORDING TO THIS ARTICLE. PROPOSED LAW NO. 3193, ALSO KNOWN AS THE MERLI LAW, IS EXPECTED TO RECEIVE PARLIAMENTARY APPROVAL, SINCE DEPUTIES FROM A WIDE RANGE OF POLITICAL AFFILIATIONS COOPERATED IN ITS PREPARATION. PROVISIONS OF THE LAW TO IMPROVE THE QUALITY OF ITALIAN WATERS INCLUDE: THE ESTABLISHMENT OF STANDARDS OR MAXIMUM ADMISSIBLE LIMITS FOR POLLUTANTS IN INDUSTRIAL AND DOMESTIC EFFLUENTS, THE MANDATORY FILING OF AN AUTHORIZATION REQUEST FOR THE DISCHARGE OF EFFLUENTS BY ALL ESTABLISHMENTS WITHIN TWO MONTHS OF THE LAW'S ENTRANCE INTO EFFECT, AND THE CONSTRUCTION OF WATER PURIFICATION PLANTS WITH THE FINANCIAL ASSISTANCE OF THE STATE.

WATER

NEW ZEALAND

PM(B)

"OTAKI RIVER HYDRO PLAN AFFRONT'S ENVIRONMENT: ALTERNATIVE SITES." EVENING POST

ENGLISH 10/02/75 PGS 1 EPA
ALSO SE ID# 03238A
LAND USE

THIS ARTICLE REPORTS THAT THE NEW ZEALAND COMMISSION FOR THE ENVIRONMENT HAS REJECTED A PROPOSAL FOR A SMALL HYDROELECTRIC POWER SCHEME ON THE OTAKI RIVER BECAUSE OF ENVIRONMENTAL AND DEVELOPMENTAL CONSIDERATIONS. ALTERNATIVES TO THE PROPOSED SCHEME, ALTHOUGH LESS ECONOMIC, ARE, NEVERTHELESS, SUGGESTED IN ORDER TO PREVENT DAMAGE TO THE AMBIENT WILDERNESS OF THE TARGET AREA AND AVOID PIECEMEAL DEVELOPMENT OF THE REGION, WHERE A LONG RANGE, COORDINATED POWER DEVELOPMENT PLAN SPANNING SEVERAL ADMINISTRATIVE BOUNDARIES IS NEEDED. BECAUSE NEW ZEALAND IS FACED WITH A MASSIVE SWITCH TO ALTERNATIVE SOURCES OF ELECTRICITY, THE OTAKI DECISION BY THE COMMISSION IS SIGNIFICANT, SINCE THE PROPOSED SCHEME WOULD HAVE SAVED NEW ZEALAND NZ\$2,000,000 A YEAR ON ITS OVERSEAS OIL BILL. A CRITIC OF THE DECISION, COMMENTING THAT THE CONCEPT OF ENVIRONMENT SHOULD ALSO INCLUDE THE ECONOMIC WELL-BEING OF THE PEOPLE, HAS STATED THAT TOO MANY PROPOSALS IN NEW ZEALAND HAVE BEEN DELAYED TOO LONG BECAUSE OF ENVIRONMENTAL PROCEDURES.

NEW ZEALAND

PM(B)

"AFTER SOUTHLAND." SOIL AND WATER, VOL. 11, NO. 4

BELLAMY, RICHARD 06/00/75 PGS 5-8 EPA
ENGLISH ID# 03241A
ALSO SE

CITING A RECENT DECISION OF THE NEW ZEALAND TOWN AND COUNTRY PLANNING APPEAL BOARD IN THE SOUTHLAND WATER CLASSIFICATION SCHEME, THIS ARTICLE EXAMINES SOME SALIENT ASPECTS OF WATER RESOURCES MANAGEMENT IN NEW ZEALAND, DISCUSSES SOME OF THE CURRENT CRITICISMS IN THIS AREA, AND MAKES RECOMMENDATIONS ON HOW WEAKNESSES MAY BE CORRECTED. THE EXISTING CENTRALIZED CONTROL OF WATER RESOURCES IS AN ASSET, BUT THE ADMINISTRATIVE COMPLEXITIES EVOLVING OUT OF THE NATIONAL WATER AND SOIL CONSERVATION ORGANIZATION AND THE INEFFICIENT INTERRELATIONSHIPS BETWEEN THE 20 REGIONAL WATER BOARDS AND LOCAL GOVERNMENTS ARE CONSIDERED MAJOR ADMINISTRATIVE WEAKNESSES. THE WATER AND SOIL CONSERVATION ACT 1967 LACKS WELL-DEFINED OR LONG RANGE WATER RESOURCES GOALS. AND THERE IS AN INCREASING DEMAND FOR A RECONSIDERATION OF OFFICIAL WATER USE CONCEPTS AND WATER CLASSIFICATION. THESE SHORTCOMINGS AND CONTROVERSIES AS WELL AS INSUFFICIENT FINANCIAL RESOURCES FOR ADEQUATE WATER MANAGEMENT HAVE NOW RESULTED IN A SERIOUS REVIEW OF EXISTING WATER MANAGEMENT.

WATER
NEW ZEALAND
PM(B)

"MASSIVE EFFORT TO OVERCOME LAKE ROTORUA PROBLEMS." SOIL AND WATER
EPA
ENGLISH
06/00/75 PGS 53-54 ID# 03248A

AS A RESULT OF A RESOLUTION PASSED BY A SPECIAL MEETING OF THE NEW ZEALAND NATIONAL WATER AND SOIL CONSERVATION AUTHORITY, STRINGENT MEASURES ARE TO BE IMPLEMENTED BY FEDERAL AND LOCAL GOVERNMENT AGENCIES IN PREVENTING FURTHER EUTROPHICATION OF LAKE ROTORUA DUE TO SEWAGE, LAND RUNOFF, AND RELATED CAUSES. AS REPORTED IN THIS ARTICLE, THE NATIONAL WATER AND SOIL CONSERVATION AUTHORITY, THE REGIONAL CATCHMENT COMMISSION, AND THE CITY AND COUNTY COUNCILS OF ROTORUA WILL COOPERATE IN DEVISING A SCHEME TO DIVERT SEWAGE EFFLUENTS FROM THE LAKE AND IN ADMINISTERING A REGIONAL CATCHMENT COMMISSION OFFICE IN ROTORUA. A SPECIAL GOVERNMENT SUBSIDY WILL BE AVAILABLE FOR THIS EFFORT, INCLUDING NZ\$50,000 A YEAR TO MEET ADMINISTRATION COSTS. ADDITIONAL MEASURES TAKEN TO PROTECT THE LAKE INCLUDE A RECLASSIFICATION OF THE WATER OF THE LAKE AND THE FIXING OF MAXIMUM AND MINIMUM WATER LEVELS OF THE LAKE. IN ACHIEVING THESE GOALS, THE MINISTRIES OF HEALTH, LANDS, FORESTS, AGRICULTURE AND FISHERIES WILL GIVE ASSISTANCE AS NECESSARY.

SWEDEN
PM(B)
"THE ENVIRONMENTAL PROTECTION BOARD SAYS YES AND NO TO RANSTAD."
SVENSKA DAGBLADET
EPA
10/16/75 PGS 30 ID# 03231A

SWEDISH
LAND USE

THE ENVIRONMENTAL PROTECTION BOARD HAS EXPRESSED CONCERN OVER CURRENT PLANS TO MINE URANIUM IN RANSTAD IN VASTERGOTLAND IN A REPORT TO THE MINISTRY OF HOUSING. AS CITED IN THIS ARTICLE, THE BOARD'S REPORT URGES THAT THE FOLLOWING BE PREVENTED: THE PRESENCE OF HEAVY METALS, ESPECIALLY COBALT AND NICKEL, IN THE MINE WATER; THE LOWERING OF THE GROUNDWATER LEVEL, WHICH WOULD LEAD TO THE REPLACEMENT BY SPRUCE OF THE PRESENT DECIDUOUS FOREST; AND THE DESTRUCTION OF A CULTURALLY INTERESTING AREA, WHICH INCLUDES HORNBERG LAKES. THE BOARD POINTS OUT THAT A BETTER ENVIRONMENTAL PLAN COULD BE WORKED OUT BY MAKING THE OPENCAST MINE SMALLER, BY MOVING THE UNDERGROUND MINE FURTHER IN UNDER BILLINGEN MOUNTAIN, AND BY USING IMPROVED METHODS INVOLVING MODERN TECHNIQUES TO PREVENT METAL EMISSIONS. THE CABINET, WHICH HAS THE FINAL DECISION IN THIS MATTER, IS EXPECTED TO ADOPT THE PROJECT WITH THE ADDITIONAL RECOMMENDATIONS MADE BY THE BOARD.

SWEDEN
PM(B)
"THE SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY (IVL-RESEARCH) AND THE
SWEDISH POLLUTION CONTROL COMPANY (IVL-SERVICE)." DEPT. OF STATE AIRGRAM, AMEMBASSY STOCKHOLM, A-311
EPA
12/06/75 PGS 1012 ID# 03239A

ENGLISH
AIR

THIS AIRGRAM DESCRIBES IVL-RESEARCH AND IVL-SERVICE, WHICH WERE ESTABLISHED IN 1966 IN RESPONSE TO INDUSTRIAL AND GOVERNMENT INTERESTS IN THE CONTROL OF AIR AND WATER POLLUTION. IVL-RESEARCH IS AN INDEPENDENT INSTITUTE SUBORDINATE TO THE MINISTRY OF AGRICULTURE BUT JOINTLY FUNDED BY GOVERNMENT AND INDUSTRY. CURRENTLY 49 RESEARCH PROJECTS ARE SPONSORED BY THIS ORGANIZATION, 17 OF THEM SUPPORTED BY THE NATIONAL ENVIRONMENT PROTECTION BOARD. THE OBJECTIVES OF ITS RESEARCH ARE CONSIDERED, AND AN INVENTORY OF ITS ELEVEN ORGANIZATIONAL GROUPS AND THEIR VARIOUS FUNCTIONS IS INCLUDED. IVL-SERVICE, WHICH IS OWNED BY INDUSTRY AND ORGANIZED INTO THREE DEPARTMENTS (AIR POLLUTION, WATER POLLUTION, AND DEVELOPMENT), PROVIDES CONSULTING SERVICES. A LIST OF ITS ACTIVITIES IS INCLUDED. THE IVL ORGANIZATIONS PUBLISH IVL-BULLETIN, IN ENGLISH, AND IVL-NEWS. A CHART ENTITLED "THE ORGANIZATION AND RELATIONSHIP OF EVL-RESEARCH AND IVL-SERVICE" IS ATTACHED.

WATER

SWEDEN

"REDUCTION OF PLANT NUTRIENTS IN MUNICIPAL SEWAGE." INFORMATION FROM STATENS
NATURVARDsverk, V 3 1968
GUSTAFSSON, BENGT. AND NILS WESTBERG
SWEDISH 00/00/68 PGS 1-48 ID# 03252A
ALSO ST EPA

PM(B)

THIS REPORT DEALS WITH METHODS FOR THE REDUCTION OF CERTAIN KINDS OF NUTRIENTS IN SEWAGE AND
QUOTES RESULTS FROM STUDIES IN THE LABORATORY AND DURING PLANT OPERATION. EXPERIMENTAL RESULTS
AND PROCESS-TECHNICAL VIEWS ON THE REDUCTION OF NITROGEN AND PHOSPHORUS ARE DISCUSSED, AS WELL
AS: MEANS FOR PRECIPITATING PHOSPHORUS; SLUDGE TREATMENT; OPERATIONAL EXPERIENCE; COSTS; AND
SUGGESTIONS FOR RESEARCH IN THE FIELD. AN ENGLISH SUMMARY IS INCLUDED.

SWEDEN

"WATER AND AIR PROTECTION PROBLEMS IN PRODUCTION OF FERTILIZERS." STATENS
NATURVARDsverk PUBLIKATIONER 1971:6

PM(B)

SWEDISH
ALSO ST
AIR

06/00/75 PGS 1-120 ID# 03257A
EPA

THIS REPORT IS BASED ON RESEARCH TO EXPLORE THE TECHNICAL POSSIBILITIES IN REDUCING ARE
AND WATER POLLUTION IN MANUFACTURING FERTILIZERS. IT DESCRIBES THE DIFFERENT TYPES AND USES
OF FERTILIZERS, CONSIDERS DIFFERENT PRODUCTION METHODS AND THE CORRESPONDING EMISSIONS INTO
THE ATMOSPHERE AND WATER, AND PRESENTS DETAILED DATA ON THE TECHNICAL AND ECONOMICAL POSSIBILITIES
OF REDUCING POLLUTION. THE LAST CHAPTER DEALS WITH THE HANDLING AND STORING OF RAW MATERIALS
AND PRODUCTS. TABLES REGISTERING THE COMBINED EMISSIONS AT LANDSKRONA AND KÖPING, WHERE THE
BULK OF SWEDISH FERTILIZERS IS PRODUCED, ARE APPENDED, AS WELL AS A LIST OF MEASURING METHODS
AND A TABLE COMPARING RELEVANT EMISSION STANDARDS FROM VARIOUS COUNTRIES.

SWEDEN

"THE FROST DEPTH IN SWEDEN, FINAL REPORT." INFORMATION FROM STATENS
NATURVARDsverk, V 4 1968

PM(B)

SWEDISH
ALSO ST

00/00/68 PGS 1-64 ID# 03260A
EPA

THIS PAPER PRESENTS OBSERVATIONS OF FROST DEPTH IN NATURAL SOIL AND WATER-MAIN TRENCHES IN
SWEDEN BETWEEN 1962 AND 1966. THE AIM OF THE INVESTIGATIONS, WHICH WERE CARRIED OUT AT 21
SWEDISH STATIONS, WAS TO ESTABLISH METHODS FOR DETERMINING FROST PENETRATION WITH SPECIAL
REFERENCE BEING PAID TO THE REQUIRED DEPTHS FOR THE LAYING OF WATER AND SEWER MAINS. SPECIALLY
CONSTRUCTED PROBES PLACED HORIZONTALLY AT VARIOUS LEVELS BELOW THE GROUND SURFACE WERE USED.
TEMPERATURE AND THE THERMAL CONDUCTIVITY OF THE SOIL WERE MEASURED BELOW BARE SOIL AND
SNOW-COVERED GROUND INSIDE AS WELL AS OUTSIDE THE WATER-MAIN TRENCHES. THE FROST DEPTH HAS BEEN
CALCULATED FOR FIVE DIFFERENT TYPES OF SOIL. THE REDUCTION IN NATURAL FROST DEPTH IN GENERAL
DUE TO THE HEAT SUPPLY FROM THE FLOW IN PIPES IS NOTED. VARIOUS CHARTS AND TABLES AS WELL AS
PHOTOGRAPHS ILLUSTRATE THE FINDINGS. A SUMMARY IN ENGLISH IS INCLUDED.

WATER

SWITZERLAND

PH(8)

DIRECTIVES CONCERNANT L'UTILISATION DES ENGRAIS SELON DES PRINCIPES CONFORMES
A L'ENVIRONNEMENT (DIRECTIVES ON ENVIRONMENTAL PROTECTION IN THE USE OF FERTILIZERS)
SWITZERLAND, FEDERAL AGRONOMIC RESEARCH STATIONS
FRENCH
EPA
PGS 1-24 ID# 03234A

THIS PUBLICATION, ISSUED BY THE FEDERAL STATIONS OF AGRONOMIC RESEARCH, THE FEDERAL INSTITUTE
FOR THE MANAGEMENT, PURIFICATION AND PROTECTION OF WATERS, AND THE FEDERAL OFFICE OF ENVIRONMENTAL
PROTECTION, IS INTENDED AS A SEQUEL TO "DIRECTIVES FOR MANURING" AND PROVIDES INFORMATION ON THE
PROPER USE OF FERTILIZERS WITH RESPECT TO ENVIRONMENTAL PROTECTION. NITROGEN, PHOSPHORUS AND
POTASSIUM ARE EXAMINED FOR THE POTENTIAL HAZARDS WHICH THEY PRESENT TO THE ENVIRONMENT. ALSO
DISCUSSED ARE THE RISKS OF POLLUTION WHICH FERTILIZERS CREATE FOR RUNOFF WATER AND, THROUGH
SEEPAGE, FOR GROUNDWATER.

VENEZUELA

PH(8)

"51 PERCENT OF INDUSTRIAL PROJECTS APPROVED BY MINISTRY OF DEVELOPMENT HAVE
GONE TO THE INTERIOR." EL UNIVERSAL

SPANISH
ALSO SE
*AIR
EPA
10/04/75 PGS 2/11 ID# 03261A



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